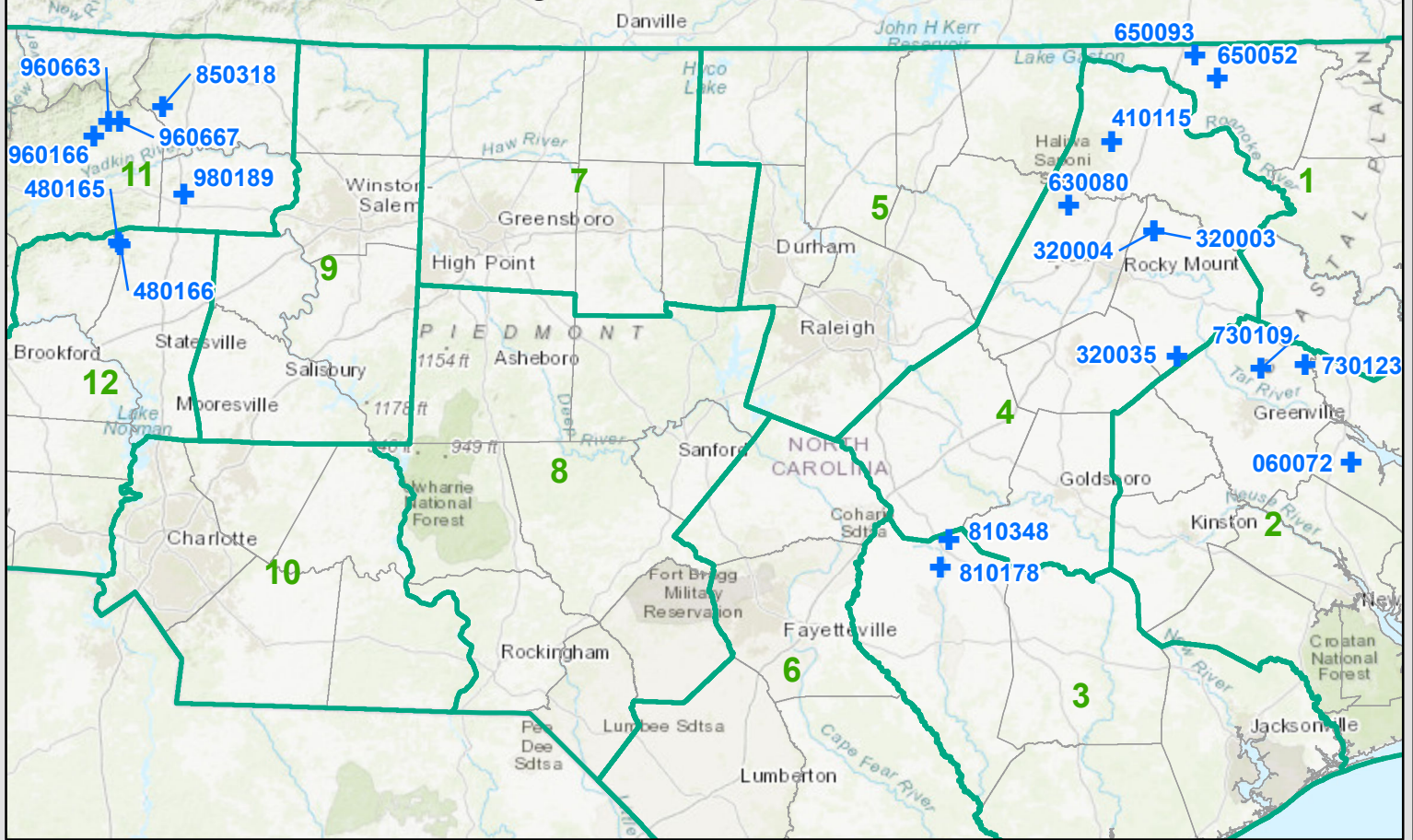


Table of Contents

Map Legend	2
Division 1	3
650093	3
Environmental Screening Map	7
650052	9
Environmental Screening Map	13
Division 2	15
60072	15
Environmental Screening Map	19
730109	21
Environmental Screening Map	25
730123	27
Environmental Screening Map	32
Division 3	33
810178	33
Environmental Screening Map	37
810348	39
Environmental Screening Map	43
Division 4	45
320003	45
Environmental Screening Map	49
320004	50
Environmental Screening Map	55
320035	56
Environmental Screening Map	61
410115	63
Environmental Screening Map	68
630080	69
Environmental Screening Map	73
Division 11	75
850318	75
Environmental Screening Map	79
960166	80
Environmental Screening Map	85
960663	86
Environmental Screening Map	92
960667	92
Environmental Screening Map	98
980189	98
Environmental Screening Map	103
Division 12	105
480165	105
Environmental Screening Map	109
480166	110
Environmental Screening Map	115

Posted Bridges with NCDOT Divisions



Bridge Screening Legend

- | | |
|--|--|
| Posted Bridges | Stream (NHD) |
| Project Study Area | 303(d) Listed Impaired Waters |
| National Register Study Listed Individual | Wild Scenic Rivers |
| National Register Individual List Entry | Public Mountain Trout Water Streams |
| Individual Determination of Eligibility | Public Mountain Trout Water Impoundments |
| National Register Historic District | Floodway |
| Study List Historic District | 100-year Floodplain |
| Wetlands | Managed Areas |
| High Quality Water or Outstanding Resource Water | Pre-Regulatory Landfill Sites |
| Water Supply Watershed | Hazardous Waste Sites |
| Submerged Aquatic Vegetation | Active Permitted Landfills |
| | Regional Underground Storage Tank |
| | County Boundary |



SCREENING CHECKLIST

BRIDGE ID: 650093	FACILITY: SR 1203 OVER JACKS SWAMP	DIVISION: 1
YEAR BUILT: 1959	COUNTY: NORTHAMPTON	POSTED (SV/TTST): 17/23
COST ESTIMATE: \$560,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RED-COCKADED WOODPECKER (RCW) AS ENDANGERED WITHIN NORTHAMPTON COUNTY.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY LISTED SPECIES WITHIN 1 MILE OF THE PROJECT STUDY AREA.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR NORTHAMPTON COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROJECT. NO POTENTIAL OPEN WATER NESTING HABITAT WAS OBSERVED ON AERIAL IMAGERY WITHIN THE VICINITY OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF ONE BLOCK GROUP. THE MINORITY POPULATION OF THE PROJECT BLOCK GROUP IS 61.2%. THIS COMPARES TO A MINORITY POPULATION OF 61.7% FOR NORTHAMPTON COUNTY. THE POVERTY RATE FOR THE PROJECT BLOCK GROUP IS 30.0% NORTHAMPTON COUNTY'S POVERTY RATE IS 28.5%.</p> <p>THE PROJECT CONTAINS PORTIONS OF THREE LARGE PARCELS, OWNED BY THREE SEPARATE OWNERS. THERE ARE NO STRUCTURES LOCATED WITHIN THE PROJECT STUDY AREA.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>



	THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p> <p>THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2016 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE ALBEMARLE-CHOWAN WATERSHED, WHERE THE PROJECT IS LOCATED.</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN NORTHAMPTON COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>APPROXIMATELY 220 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY</p>



	AREA (JACKS SWAMP). APPROXIMATELY 1.3 ACRES OF NWI WETLANDS ARE LOCATED WITHIN THE PROJECT STUDY AREA ALONG JACKS SWAMP.
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>100-YEAR FLOODPLAIN OCCURS WITHIN THE PROJECT STUDY AREA.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>NORTHAMPTON COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>NO</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i></p> <p>NO</p>



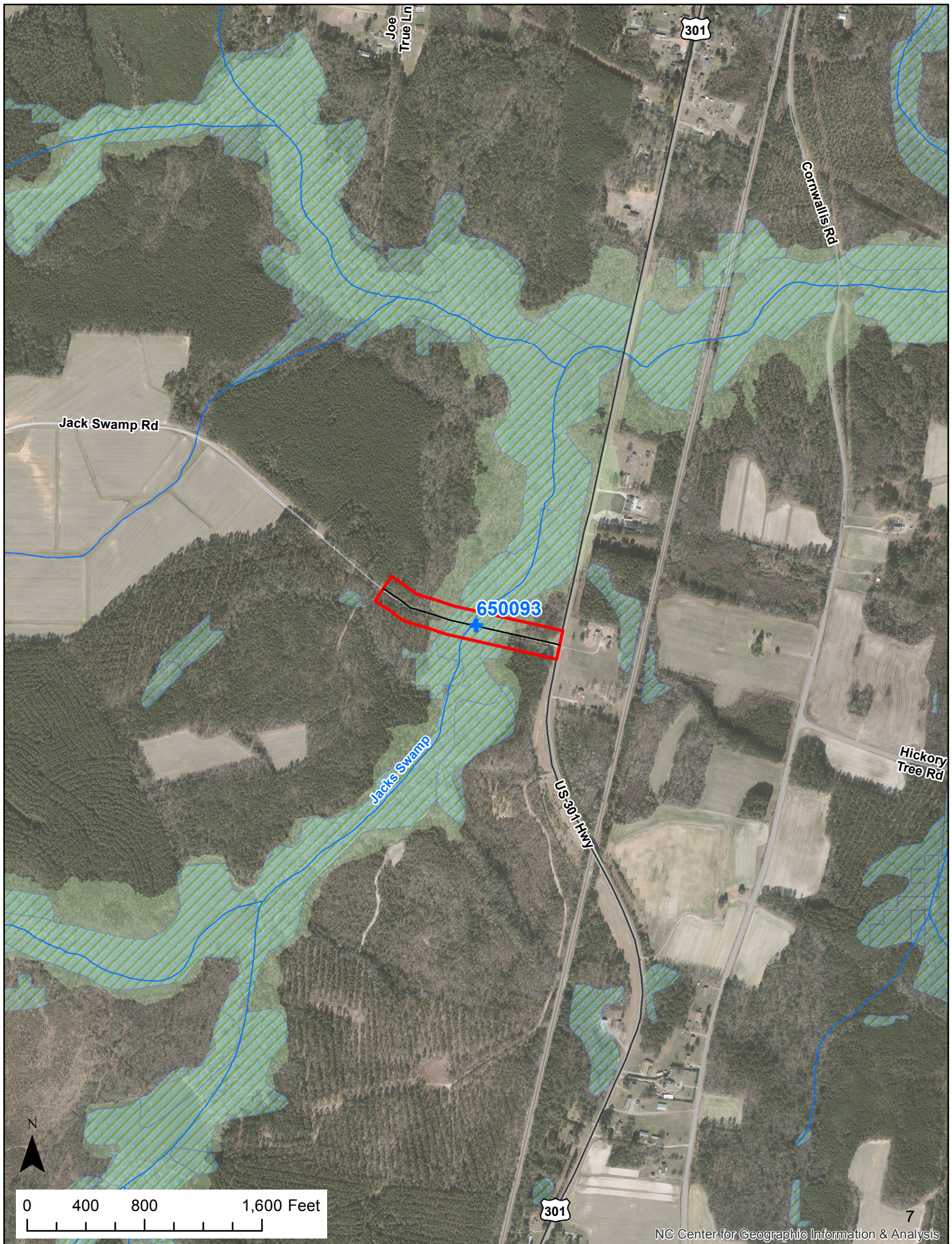
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	<p>NO</p>
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	<p>N/A</p>
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrcr.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	<p>SEE #6 ABOVE</p>
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>
	<p>N/A</p>



31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 650052	FACILITY: SR 1313 OVER GUMBERRY SWAMP	DIVISION: 1
YEAR BUILT: 1957	COUNTY: NORTHAMPTON	POSTED (SV/TTST): 10/18
COST ESTIMATE: \$1,020,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RED-COCKADED WOODPECKER (RCW) AS ENDANGERED WITHIN NORTHAMPTON COUNTY.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED ONE HISTORICAL OCCURRENCE OF RCW WITHIN THE PROJECT STUDY AREA. THE OCCURRENCE DESCRIPTION STATES THAT THE BIRDS WERE LAST SEEN IN 1973, AT WHICH TIME THE SITE WAS CLEARCUT. THE BIRDS HAVE NOT BEEN SEEN SINCE THE CLEARCUT. HOWEVER, RECENT AERIAL IMAGERY INDICATES THAT THE FOREST HAS REGENERATED.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR NORTHAMPTON COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROJECT. NO POTENTIAL OPEN WATER NESTING HABITAT WAS OBSERVED ON AERIAL IMAGERY WITHIN THE VICINITY OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS PORTIONS OF 3 BLOCK GROUPS. THE MINORITY POPULATION OF THE 3 PROJECT BLOCK GROUPS ARE 96.0%, 43.7%, AND 61.2%. THIS COMPARES TO A MINORITY POPULATION OF 61.7% FOR NORTHAMPTON COUNTY. THE POVERTY RATE FOR THE 3 PROJECT BLOCK GROUPS IS 47.3%, 9.6%, AND 30.0%. NORTHAMPTON COUNTY'S POVERTY RATE IS 28.5%. THE PROJECT CONTAINS PORTIONS OF THREE LARGE PARCELS, OWNED BY THREE SEPARATE OWNERS. THERE ARE NO STRUCTURES LOCATED WITHIN THE PROJECT STUDY AREA.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE IS ONE NC SHPO RESOURCE WITHIN 1,000 FEET OF THE PROJECT STUDY AREA, AN 1860 GREEK REVIVAL HOUSE LOCATED APPROXIMATELY 900 FEET SOUTHEAST OF THE PROJECT STUDY AREA. THIS RESOURCE IS NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.</p> <p>THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE IS ONE NC SHPO RESOURCE WITHIN 1,000 FEET OF THE PROJECT STUDY AREA, AN 1860 GREEK REVIVAL HOUSE LOCATED APPROXIMATELY 900 FEET SOUTHEAST OF THE PROJECT STUDY AREA. THIS RESOURCE IS NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2016 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE ROANOKE RIVER WATERSHED, WHERE THE PROJECT IS LOCATED.</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>



	THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN NORTHAMPTON COUNTY.
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>APPROXIMATELY 210 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY AREA (GUMBERRY SWAMP).</p> <p>APPROXIMATELY 1.2 ACRES OF NWI WETLANDS ARE LOCATED WITHIN THE PROJECT STUDY AREA ALONG GUMBERRY SWAMP.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>100-YEAR FLOODPLAIN OCCURS WITHIN THE PROJECT STUDY AREA.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>NORTHAMPTON COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>NO</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>

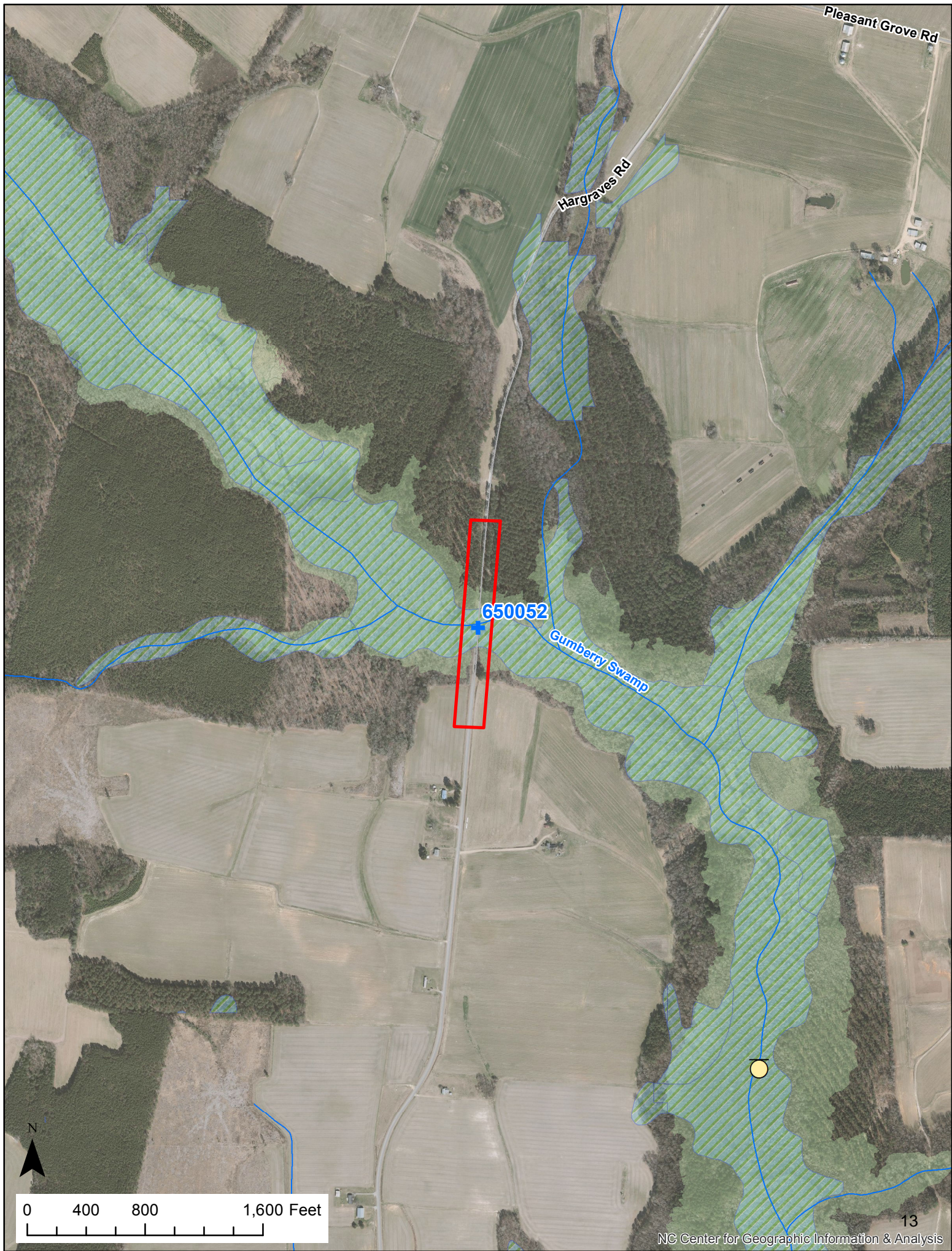


21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p>
	NO
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	NO
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrcr.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	SEE #6 ABOVE
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project</i></p>



	<i>require a state EA or EIS?</i> THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)? <i>This question will be evaluated during project development.</i> N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i> NO

<i>INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.</i>	
32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i> N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i> NO





SCREENING CHECKLIST

BRIDGE ID: 60072	FACILITY: SR 1127 OVER CHOCOWINITY CREEK	DIVISION: 2
YEAR BUILT: 1976	COUNTY: BEAUFORT	POSTED (SV/TTST): 12/21
COST ESTIMATE: \$1,750,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF APRIL 25, 2018, THE USFWS LISTS THE FOLLOWING SPECIES AS ENDANGERED IN BEAUFORT COUNTY: KEMP'S RIDLEY SEA TURTLE, RED-COCKADED WOODPECKER, WEST INDIAN MANATEE, AND ROUGH-LEAVED LOOSESTRIFE. THE FOLLOWING SPECIES ARE LISTED AS THREATENED: GREEN SEA TURTLE, NORTHERN LONG-EARED BAT, RED KNOT, AND SENSITIVE JOINT-VETCH.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE DID NOT INDICATE ANY ELEMENT OCCURRENCES OF THREATENED OR ENDANGERED SPECIES WITHIN 1 MILE OF THE PROJECT STUDY AREA.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR BEAUFORT COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE ALSO SHOWS AN OCCURRENCE OF BALD EAGLE APPROXIMATELY 0.9 MILE SOUTHEAST OF THE PROJECT STUDY AREA. NO POTENTIAL OPEN WATER NESTING HABITAT WAS OBSERVED ON AERIAL IMAGERY WITHIN THE VICINITY OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS PORTIONS OF 2 BLOCK GROUPS. THE MINORITY POPULATION OF THE 2 PROJECT BLOCK GROUPS ARE 47.6%, AND 41.2%. THIS COMPARES TO A MINORITY POPULATION OF 34.1% FOR BEAUFORT COUNTY. THE POVERTY RATE FOR THE 2 PROJECT BLOCK GROUPS IS 3.8% AND 48.0%. BEAUFORT COUNTY'S POVERTY RATE IS 17.5%.</p> <p>THE PROJECT STUDY AREA IS PRIMARILY COMPOSED OF PORTIONS OF LARGE PARCELS.</p>



	THERE ARE NO STRUCTURES LOCATED WITHIN THE PROJECT STUDY AREA.
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	ACCORDING TO THE NC SHPO GIS DATABASE, THERE IS AN NC SHPO RESOURCE WITHIN 1,000 FEET OF THE PROJECT STUDY AREA, A RESOURCE KNOWN AS "MIGRANT LABOR CAMP" LOCATED APPROXIMATELY 300 FEET SOUTHWEST OF THE STUDY AREA. IN ADDITION, THE ISAAC EDWARDS FARM IS LOCATED APPROXIMATELY 850 FEET WEST OF THE STUDY AREA. THESE RESOURCES ARE NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES. THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	ACCORDING TO THE NC SHPO GIS DATABASE, THERE IS AN NC SHPO RESOURCE WITHIN 1,000 FEET OF THE PROJECT STUDY AREA, A RESOURCE KNOWN AS "MIGRANT LABOR CAMP" LOCATED APPROXIMATELY 300 FEET SOUTHWEST OF THE STUDY AREA. IN ADDITION, THE ISAAC EDWARDS FARM IS LOCATED APPROXIMATELY 850 FEET WEST OF THE STUDY AREA. THESE RESOURCES ARE NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	SEE #1 ABOVE
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2016 303(D) LIST.</p> <p>STATE BUFFER RULES APPLY TO STREAMS WITHIN THE TAR-PAMLICO WATERSHED, WHERE THE PROJECT IS LOCATED (15A NCAC 02B .0259).</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>



11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN BEAUFORT COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>
	<p>APPROXIMATELY 210 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY AREA (CHOCOWINITY CREEK).</p> <p>APPROXIMATELY 1.0 ACRES OF NWI WETLANDS ARE LOCATED WITHIN THE PROJECT STUDY AREA ALONG CHOCOWINITY CREEK.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p>
	<p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p>
	<p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p>
	<p>THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p>
	<p>100-YEAR FLOODPLAIN AND REGULATORY FLOODWAY OCCUR WITHIN THE PROJECT STUDY AREA.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p>
	<p>BEAUFORT COUNTY IS A CAMA COUNTY. AN NRTR MUST BE PREPARED DURING PROJECT DEVELOPMENT BEFORE THIS QUESTION CAN BE FULLY ANSWERED.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p>
	<p>NO</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p>

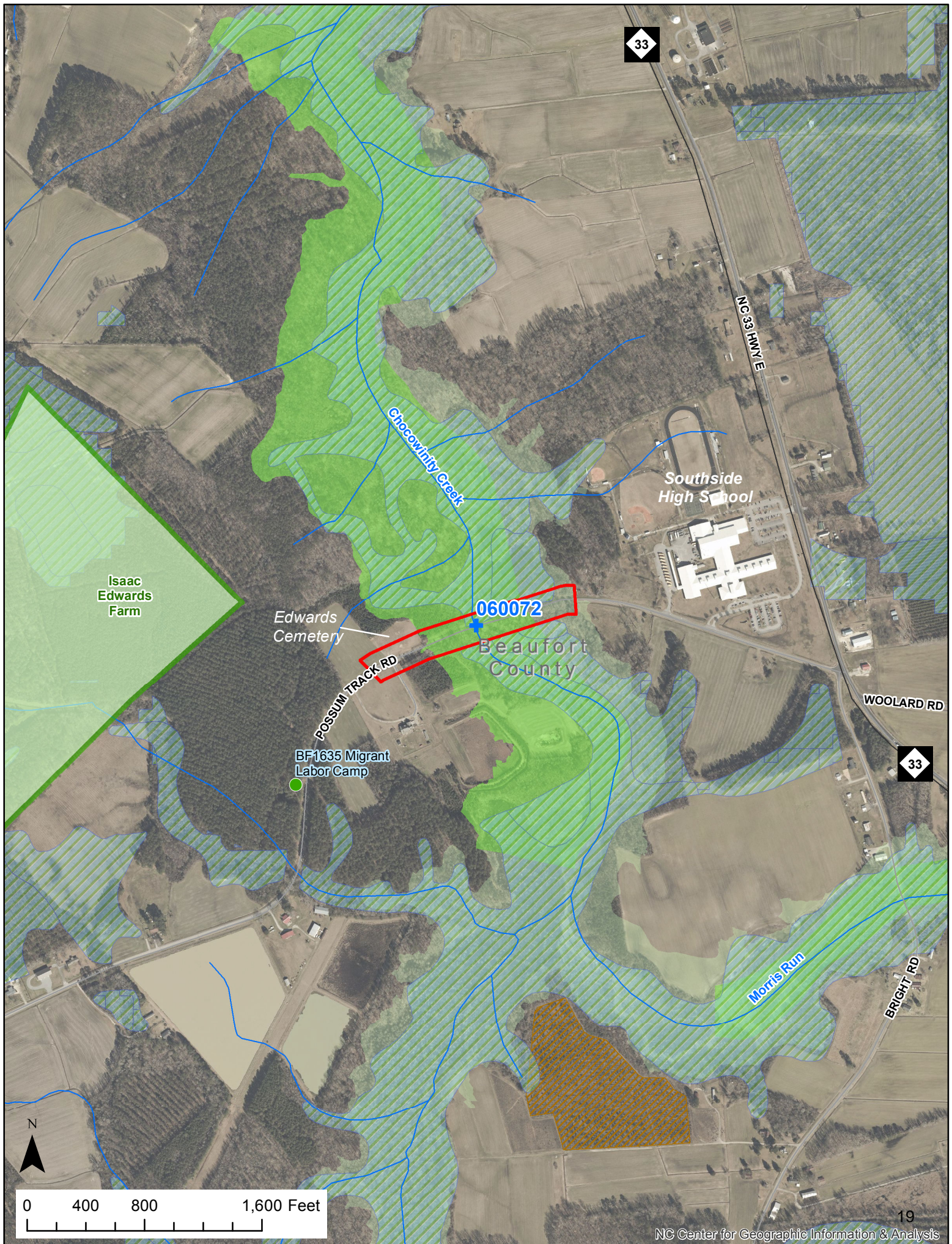


	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. ANY DETOURS OR DISRUPTIONS IN TRAFFIC SHOULD CONSIDER ACCESS AND SCHEDULE OF THE DIRECTLY ADJACENT SOUTHSIDE HIGH SCHOOL.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE
29	Is the project considered a Type I under the NCDOT's Noise Policy?



	<p>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</p> <p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
31	<p>Are there other issues that may affect project decisions?</p> <p><i>Note any other issues that should be considered during project development.</i></p> <p>THE EDWARDS CEMETERY IS LOCATED WITHIN THE PROJECT STUDY AREA.</p> <p>SOUTHSIDE HIGH SCHOOL IS ALSO LOCATED WITHIN THE PROJECT STUDY AREA.</p>

<p>INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.</p>	
32	<p>Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
33	<p>Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required?</p> <p><i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i></p> <p>NO</p>





SCREENING CHECKLIST

BRIDGE ID: 730109	FACILITY: SR 1514 OVER GRINDLE CREEK	DIVISION: 2
YEAR BUILT: 1978	COUNTY: PITT	POSTED (SV/TTST): 23/39
COST ESTIMATE: \$1,625,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RED-COCKADED WOODPECKER (RCW), WEST INDIAN MANATEE, AND TAR RIVER SPINY MUSSEL AS ENDANGERED WITHIN PITT COUNTY. THE YELLOW LANCE IS LISTED AS THREATENED.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE DOES NOT SHOW ANY OCCURRENCES OF THREATENED OR ENDANGERED SPECIES WITHIN 1 MILE OF THE PROJECT STUDY AREA.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR PITT COUNTY DOES INCLUDE THE BALD EAGLE. THE NC NHP DATABASE DOES NOT SHOW ANY OCCURRENCES OF BALD EAGLE WITHIN 1 MILE OF THE PROJECT STUDY AREA. NO POTENTIAL OPEN WATER NESTING HABITAT WAS OBSERVED ON AERIAL IMAGERY WITHIN THE VICINITY OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF ONE BLOCK GROUP. THE MINORITY POPULATION OF THE PROJECT BLOCK GROUP IS 23.7%. THIS COMPARES TO A MINORITY POPULATION OF 44.5% FOR PITT COUNTY. THE POVERTY RATE FOR THE PROJECT BLOCK GROUP IS 10.7%. PITT COUNTY'S POVERTY RATE IS 24.5%.</p> <p>THE PROJECT CONTAINS PORTIONS OF SEVERAL RESIDENTIAL PARCELS. NO EVIDENCE OF LOW-INCOME POPULATIONS WAS APPARENT FROM A REVIEW OF AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>PORTIONS OF SEVERAL SINGLE-FAMILY HOME PROPERTIES ARE LOCATED WITHIN THE PROJECT STUDY AREA. HOWEVER, THE CLOSEST RESIDENTIAL STRUCTURE IS OVER 270 FEET FROM THE EXISTING BRIDGE, AND NONE OF THE RESIDENCES ARE LIKELY TO BE DISPLACED BY ROW ACQUISITION ASSOCIATED WITH THE BRIDGE REPLACEMENT.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THE SAMUEL MOORE HOUSE IS LOCATED APPROXIMATELY 230 FEET SOUTH OF THE PROJECT STUDY AREA. THE HOUSE WAS SURVEYED IN 1987-1988, AND THE SHPO DATABASE NOTES THAT IT MAY NO LONGER BE PRESENT. THE SHPO DATABASE ALSO SHOWS THE ASHLEY WICHARD HOUSE, APPROXIMATELY 900 FEET SOUTHWEST OF THE PROJECT STUDY AREA. NEITHER OF THESE RESOURCES IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.</p> <p>THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THE SAMUEL MOORE HOUSE IS LOCATED APPROXIMATELY 230 FEET SOUTH OF THE PROJECT STUDY AREA. THE HOUSE WAS SURVEYED IN 1987-1988, AND THE SHPO DATABASE NOTES THAT IT MAY NO LONGER BE PRESENT. THE SHPO DATABASE ALSO SHOWS THE ASHLEY WICHARD HOUSE, APPROXIMATELY 900 FEET SOUTHWEST OF THE PROJECT STUDY AREA. NEITHER OF THESE RESOURCES IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.</p>
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW OR HQW.</p> <p>GRINDLE CREEK IS LISTED ON THE 2016 FINAL 303(D) LIST DUE TO PH LEVELS EXCEEDING</p>



	<p>CRITERIA.</p> <p>STATE BUFFER RULES APPLY TO STREAMS WITHIN THE TAR-PAMLICO WATERSHED, WHERE THE PROJECT IS LOCATED (15A NCAC 02B .0259).</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN PITT COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>APPROXIMATELY 200 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY AREA (GRINDLE CREEK).</p> <p>APPROXIMATELY 1.7 ACRES OF NWI WETLANDS ARE LOCATED WITHIN THE PROJECT STUDY AREA ALONG GRINDLE CREEK.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>100-YEAR FLOODPLAIN OCCURS WITHIN THE PROJECT STUDY AREA.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>PITT COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>NO</p>
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River



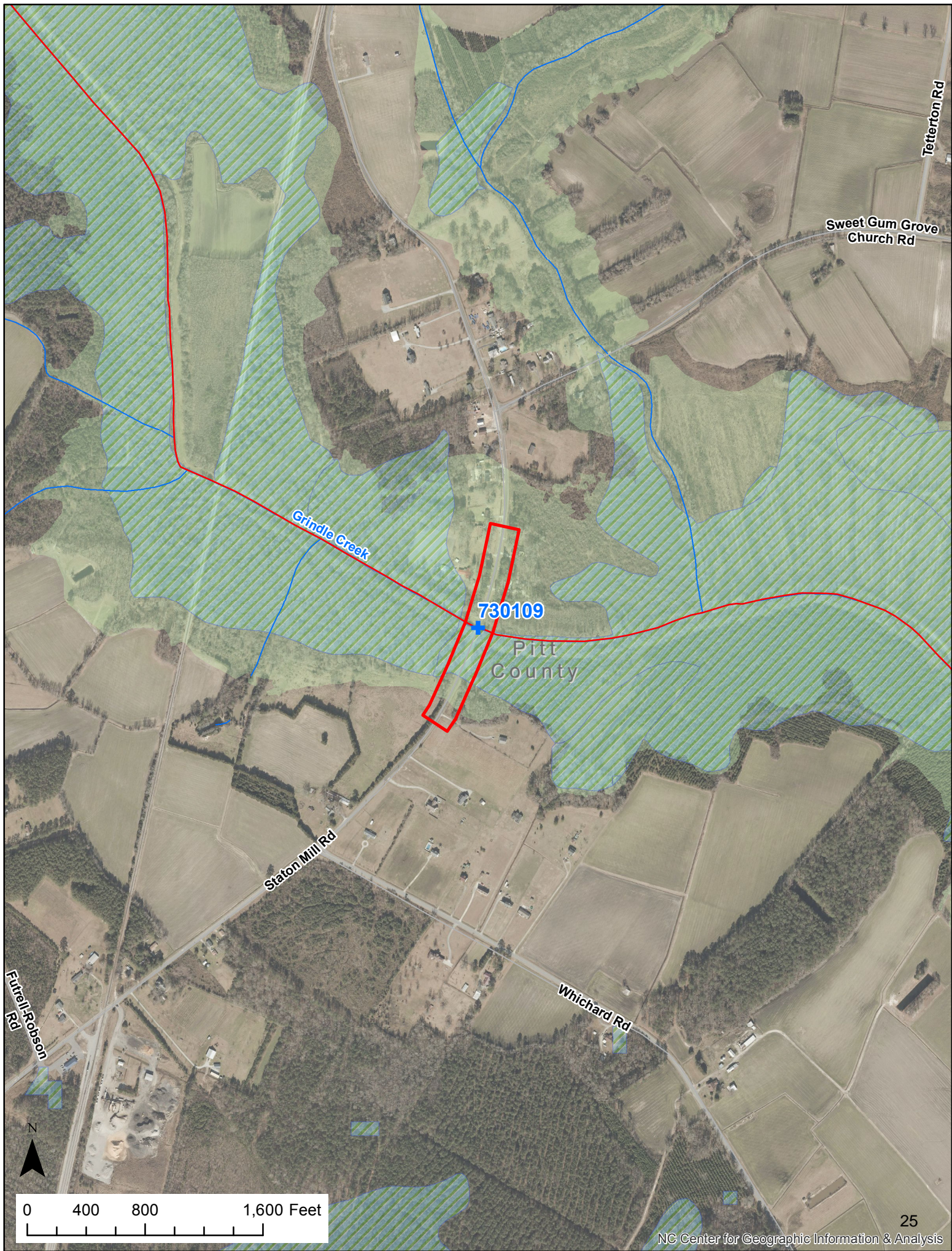
	present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provided through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE



29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
31	<p>Are there other issues that may affect project decisions?</p> <p><i>Note any other issues that should be considered during project development.</i></p>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	<p>Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
33	<p>Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required?</p> <p><i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i></p>
	NO



Tetterton Rd

Sweet Gum Grove Church Rd

Grindle Creek

730109

Pitt County

Staton Mill Rd

Whichard Rd

Futrell Robson Rd



0 400 800 1,600 Feet



SCREENING CHECKLIST

BRIDGE ID: 730123	FACILITY: SR 1552 OVER MEADOW BRANCH	DIVISION: 2
YEAR BUILT: 1958	COUNTY: PITT	POSTED (SV/TTST): 17/22
COST ESTIMATE: \$560,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RED-COCKADED WOODPECKER (RCW), WEST INDIAN MANATEE, AND TAR RIVER SPINY MUSSEL AS ENDANGERED WITHIN PITT COUNTY. THE YELLOW LANCE IS LISTED AS THREATENED.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED ONE HISTORICAL OCCURRENCE OF RCW APPROXIMATELY 0.4 MILE SOUTHWEST OF THE PROJECT STUDY AREA. THE SPECIES WAS LAST OBSERVED HERE IN 1977.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR PITT COUNTY DOES INCLUDE THE BALD EAGLE. THE NC NHP DATABASE SHOWS AN OCCURRENCE OF BALD EAGLE APPROXIMATELY 0.25 MILE EAST OF THE PROJECT STUDY AREA. NO POTENTIAL OPEN WATER NESTING HABITAT WAS OBSERVED ON AERIAL IMAGERY WITHIN THE VICINITY OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF ONE BLOCK GROUP. THE MINORITY POPULATION OF THE PROJECT BLOCK GROUP IS 44.5%. THIS COMPARES TO A MINORITY POPULATION OF 44.5% FOR PITT COUNTY. THE POVERTY RATE FOR THE PROJECT BLOCK GROUP IS 21.2%. PITT COUNTY'S POVERTY RATE IS 24.5%.</p> <p>THE PROJECT CONTAINS PORTIONS OF FOUR LARGE PARCELS, OWNED BY FOUR SEPARATE OWNERS. THERE ARE NO STRUCTURES LOCATED WITHIN THE PROJECT STUDY AREA.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p> <p>THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2016 303(D) LIST.</p> <p>STATE BUFFER RULES APPLY TO STREAMS WITHIN THE TAR-PAMLICO WATERSHED, WHERE THE PROJECT IS LOCATED (15A NCAC 02B .0259).</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN PITT COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and</i></p>



	<p><i>National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>APPROXIMATELY 210 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY AREA (MEADOW BRANCH).</p> <p>APPROXIMATELY 1.2 ACRES OF NWI WETLANDS ARE LOCATED WITHIN THE PROJECT STUDY AREA ALONG MEADOW BRANCH.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>100-YEAR FLOODPLAIN OCCURS WITHIN THE PROJECT STUDY AREA.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>PITT COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>NO</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>



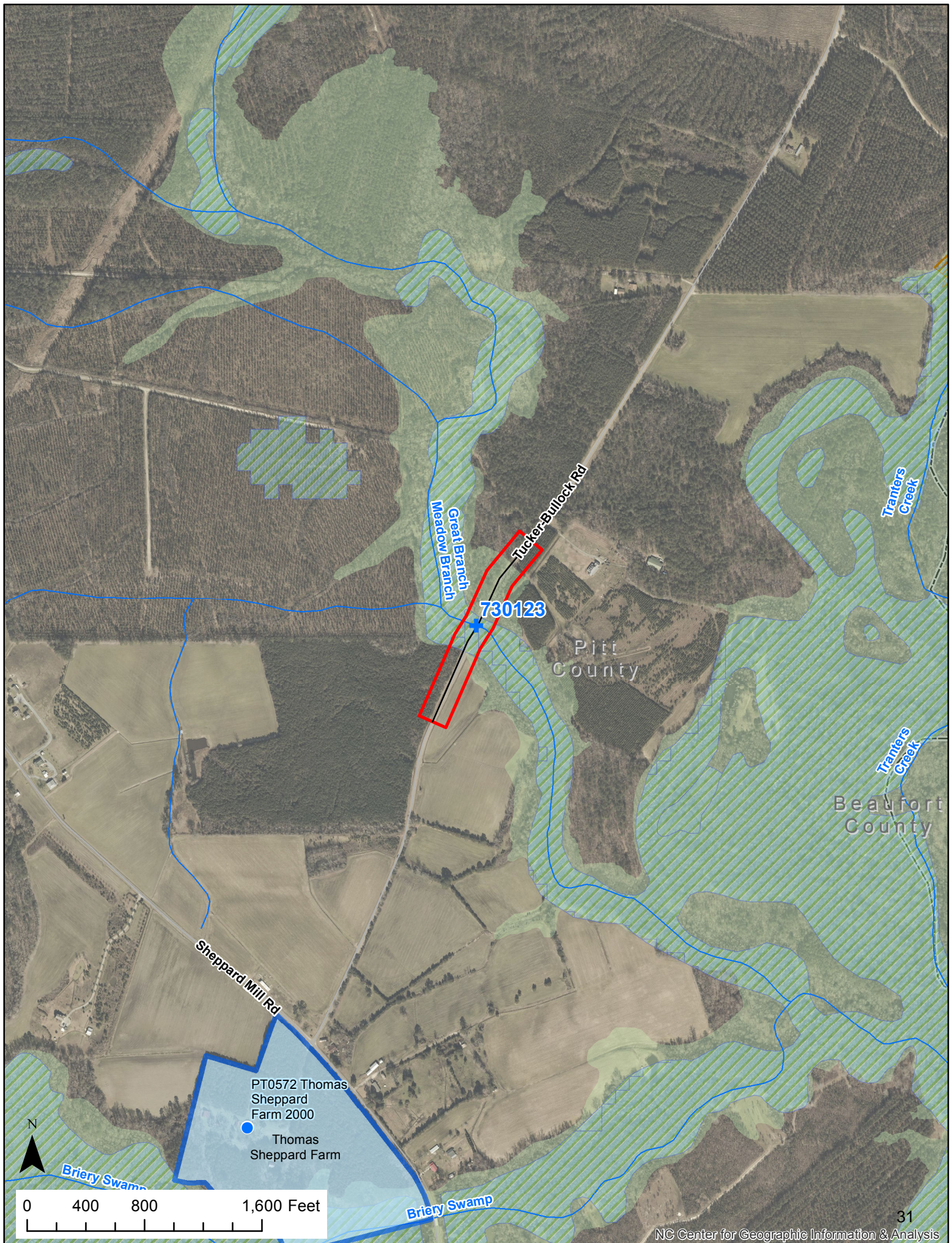
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p>
	NO
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	NO
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	SEE #6 ABOVE
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection</p>



	Policy Act (FPPA)? <i>This question will be evaluated during project development.</i>
	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 810178	FACILITY: SR 1804 OVER SEVENMILE SWAMP	DIVISION: 3
YEAR BUILT: 1962	COUNTY: SAMPSON	POSTED (SV/TTST): 15/20
COST ESTIMATE: \$1,875,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RED-COCKADED WOODPECKER (RCW) AND PONDBERRY AS ENDANGERED WITHIN SAMPSON COUNTY. THE AMERICAN ALLIGATOR IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE DOES NOT SHOW ANY OCCURRENCES OF THREATENED OR ENDANGERED SPECIES WITHIN 1 MILE OF THE PROJECT STUDY AREA.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR SAMPSON COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES OF BALD EAGLE WITHIN 1 MILE OF THE PROJECT STUDY AREA. THE POND LOCATED DIRECTLY WEST OF THE PROJECT STUDY AREA MAY PROVIDE FORAGING HABITAT FOR THE BALD EAGLE.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF ONE BLOCK GROUP. THE MINORITY POPULATION OF THE PROJECT BLOCK GROUP IS 44.3%. THIS COMPARES TO A MINORITY POPULATION OF 47.9% FOR SAMPSON COUNTY. THE POVERTY RATE FOR THE PROJECT BLOCK GROUP IS 18.7%. SAMPSON COUNTY'S POVERTY RATE IS 24.2%.</p> <p>THE PROJECT CONTAINS PORTIONS OF SEVERAL RESIDENTIAL PARCELS. NO EVIDENCE OF LOW-INCOME POPULATIONS WAS APPARENT FROM A REVIEW OF AERIAL IMAGERY.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p>



	<p><i>Provide a count of potential residential and commercial displacements.</i></p> <p>PORTIONS OF SEVERAL SINGLE-FAMILY HOME PROPERTIES ARE LOCATED WITHIN THE PROJECT STUDY AREA. HOWEVER, THE CLOSEST RESIDENTIAL STRUCTURE IS OVER 500 FEET FROM THE BRIDGE, AND NONE OF THE RESIDENCES ARE LIKELY TO BE DISPLACED BY ROW ACQUISITION ASSOCIATED WITH THE BRIDGE REPLACEMENT.</p> <p>SEVERAL FARM STRUCTURES, OWNED BY THE WARREN FARMING COMPANY, ARE LOCATED DIRECTLY ADJACENT TO THE BRIDGE, ON THE WEST SIDE. SOME OF THESE FARM STRUCTURES MAY BE IMPACTED BY ROW ACQUISITION.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THE HOUSE-AUTRY MILL IS LOCATED WITHIN THE PROJECT STUDY AREA. ADDITIONALLY THE WILLIAM HOUSE HOUSE AND MILL IS LOCATED APPROXIMATELY 650 FEET NORTH OF THE PROJECT STUDY AREA. BOTH OF THESE RESOURCES WERE SURVEYED IN 1979. NEITHER OF THESE RESOURCES IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.</p> <p>THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THE HOUSE-AUTRY MILL IS LOCATED WITHIN THE PROJECT STUDY AREA. ADDITIONALLY THE WILLIAM HOUSE HOUSE AND MILL IS LOCATED APPROXIMATELY 650 FEET NORTH OF THE PROJECT STUDY AREA. BOTH OF THESE RESOURCES WERE SURVEYED IN 1979. NEITHER OF THESE RESOURCES IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW OR HQW.</p>



	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE LISTED ON THE 2016 FINAL 303(D) LIST OF IMPAIRED WATERS.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE PORTION OF THE CAPE FEAR WATERSHED WHERE THE PROJECT IS LOCATED.</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN SAMPSON COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>APPROXIMATELY 920 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY AREA.</p> <p>APPROXIMATELY 0.9 ACRE OF NWI WETLANDS IS LOCATED WITHIN THE PROJECT STUDY AREA.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>100-YEAR FLOODPLAIN OCCURS WITHIN THE PROJECT STUDY AREA.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>SAMPSON COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>NO</p>
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River



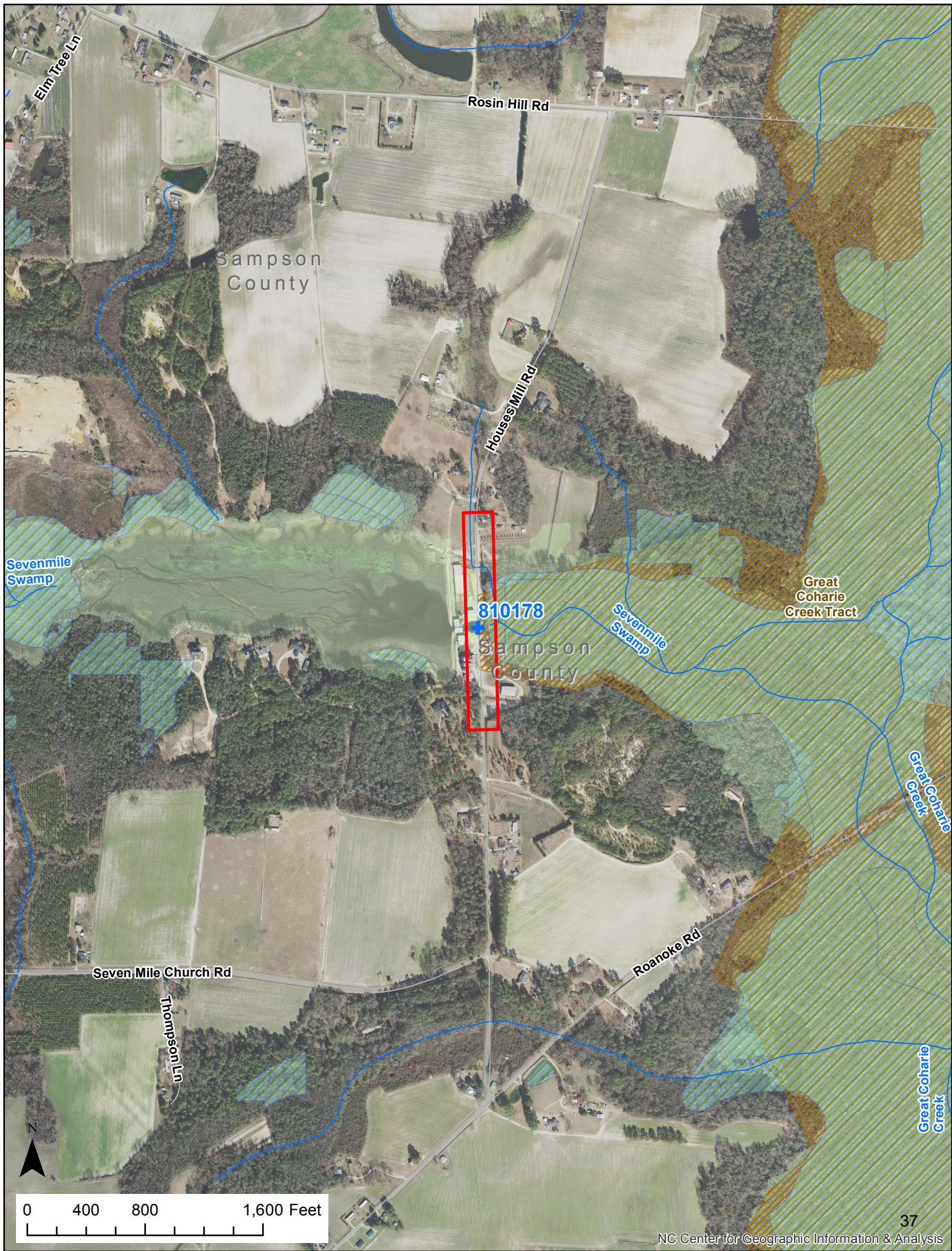
	present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.ncrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE



29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p> <p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
31	<p>Are there other issues that may affect project decisions?</p> <p><i>Note any other issues that should be considered during project development.</i></p> <p>EAST OF THE BRIDGE IS A LARGE PARCEL OWNED BY THE STATE OF NORTH CAROLINA AND MANAGED FOR CONSERVATION BY THE DIVISION OF MITIGATION SERVICES, THE GREAT COHARIE CREEK TRACT.</p>

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	<p>Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
33	<p>Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required?</p> <p><i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i></p> <p>NO</p>



0 400 800 1,600 Feet



SCREENING CHECKLIST

BRIDGE ID: 810348	FACILITY: SR 1703 OVER BEAVERDAM CREEK	DIVISION: 3
YEAR BUILT: 1966	COUNTY: SAMPSON	POSTED (SV/TTST): 19/28
COST ESTIMATE: \$703,750		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RED-COCKADED WOODPECKER (RCW) AND PONDBERRY AS ENDANGERED WITHIN SAMPSON COUNTY. THE AMERICAN ALLIGATOR IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE DOES NOT SHOW ANY OCCURRENCES OF THREATENED OR ENDANGERED SPECIES WITHIN 1 MILE OF THE PROJECT STUDY AREA.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR SAMPSON COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NC NHP DATABASE DOES NOT SHOW ANY OCCURRENCES OF BALD EAGLE WITHIN 1 MILE OF THE PROJECT STUDY AREA. NO POTENTIAL OPEN WATER NESTING HABITAT WAS OBSERVED ON AERIAL IMAGERY WITHIN THE VICINITY OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF ONE BLOCK GROUP. THE MINORITY POPULATION OF THE PROJECT BLOCK GROUP IS 16.1%. THIS COMPARES TO A MINORITY POPULATION OF 47.9% FOR SAMPSON COUNTY. THE POVERTY RATE FOR THE PROJECT BLOCK GROUP IS 11.4%. SAMPSON COUNTY'S POVERTY RATE IS 24.2%.</p> <p>THE PROJECT CONTAINS PORTIONS OF SEVERAL RESIDENTIAL PARCELS. NO EVIDENCE OF LOW-INCOME POPULATIONS WAS APPARENT FROM A REVIEW OF AERIAL IMAGERY.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p>



	<p><i>Provide a count of potential residential and commercial displacements.</i></p> <p>PORTIONS OF SEVERAL SINGLE-FAMILY HOME PROPERTIES ARE LOCATED WITHIN THE PROJECT STUDY AREA. HOWEVER, THE CLOSEST RESIDENTIAL STRUCTURE IS OVER 290 FEET FROM THE BRIDGE, AND NONE OF THE RESIDENCES ARE LIKELY TO BE DISPLACED BY ROW ACQUISITION ASSOCIATED WITH THE BRIDGE REPLACEMENT.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THE WHITE OAK SCHOOL, A 1919 2-ROOM SCHOOL, IS LOCATED LESS THAN 100 FEET FROM THE PROJECT STUDY AREA. ACCORDING TO THE DATABASE, THIS RESOURCE IS NO LONGER PRESENT.</p> <p>THERE ARE NO PUBLIC RECREATION AREAS, PARKS, OR WILDLIFE REFUGES WITHIN THE VICINITY OF THE PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THE WHITE OAK SCHOOL, A 1919 2-ROOM SCHOOL, IS LOCATED LESS THAN 100 FEET FROM THE PROJECT STUDY AREA. ACCORDING TO THE DATABASE, THIS RESOURCE IS NO LONGER PRESENT.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING AREAS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW OR HQW.</p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE LISTED ON THE 2016 FINAL 303(D) LIST OF IMPAIRED WATERS.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE PORTION OF THE CAPE FEAR WATERSHED WHERE THE PROJECT IS LOCATED.</p> <p>THERE ARE NO AREAS OF SAV MAPPED WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their</i></p>



	NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.
	THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN SAMPSON COUNTY.
12	Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit? <i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i>
	APPROXIMATELY 970 FEET OF NHD FLOWLINES ARE LOCATED WITHIN THE PROJECT STUDY AREA. APPROXIMATELY 0.4 ACRE OF NWI WETLANDS IS LOCATED WITHIN THE PROJECT STUDY AREA.
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i>
	THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i>
	SEE #7 ABOVE
15	Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i>
	THERE ARE NO HAZARDOUS MATERIALS SITES OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT STUDY AREA.
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i>
	100-YEAR FLOODPLAIN OCCURS WITHIN THE PROJECT STUDY AREA.
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i>
	SAMPSON COUNTY IS NOT A CAMA COUNTY.
18	Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i>
	NO
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>

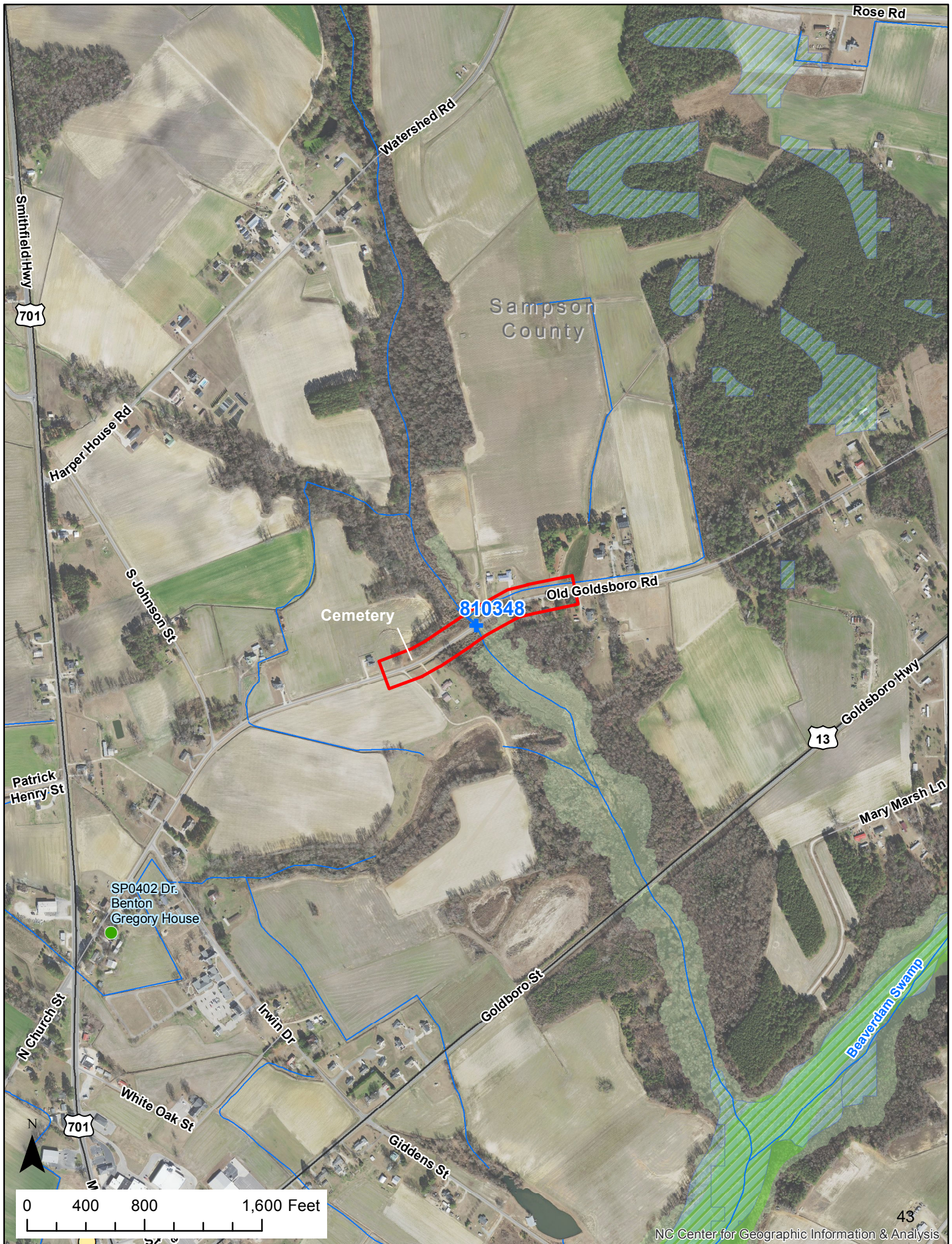


	THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE
29	Is the project considered a Type I under the NCDOT's Noise Policy? <i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i>
	IF THE PROJECT IS FEDERALLY FUNDED <i>Is the project a Type I project?</i> NO



	<p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
31	<p>Are there other issues that may affect project decisions?</p> <p><i>Note any other issues that should be considered during project development.</i></p> <p>THE TAX PARCEL DATA INDICATES A CEMETERY IS PRESENT WITHIN THE STUDY AREA ON THE NORTH SIDE OF THE ROAD, APPROXIMATELY 400 FEET WEST OF THE EXISTING BRIDGE.</p>

<p><i>INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.</i></p>	
32	<p>Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
33	<p>Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required?</p> <p><i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i></p> <p>NO</p>





SCREENING CHECKLIST

BRIDGE ID: 320003	FACILITY: SR 1404 OVER SWIFT CREEK	DIVISION: 4
YEAR BUILT: 1964	COUNTY: EDGEcombe	POSTED (SV/TTST): 15/21
COST ESTIMATE: \$2,625,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JULY 16, 2018, THE U.S. FISH AND WILDLIFE SERVICE HAS LISTED 3 SPECIES AS ENDANGERED AND ONE SPECIES AS THREATENED WITHIN EDGEcombe COUNTY. THE ENGANGERED SPECIES INCLUDE THE RED-COCKADED WOODPECKER, THE DWARF WEDGEMUSSEL, AND THE TAR RIVER SPIEYMUSSSEL. THREATENED SPECIES INCLUDE THE YELLOW LANCE.</p> <p>A CHECK OF THE CURRENT NCNHP DATABASE SHOWED ONE POSSIBLE OCCURRENCE OF THE YELLOW LANCE LESS THAN 1,000 FEET FROM THE PROJECT IN SWIFT CREEK.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR EDGEcombe COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN ONE MILE OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF BLOCK GROUP 1 & 2. THE MINORITY POPULATION OF BLOCK GROUP 1 IS 77.4%, THE MINORITY POPULATION OF BLOCK GROUP 2 IS 49.9%. THIS COMPARES TO A MINORITY POPULATION RATE OF 63.5% FOR EDGEcombe COUNTY. THE POVERTY RATE FOR BLOCK GROUP 1 IS 36.4%, THE POVERTY RATE FOR BLOCK GROUP 2 IS 18.2%. EDGEcombe COUNTY'S POVERTY RATE IS 25.7%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	NO
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>THERE ARE NO IDENTIFIED SHPO RESOURCES WITHIN 1,000 FT OF THE PROPOSED PROJECT.</p> <p>THERE ARE NO WILDLIFE REFUGES/GAMELANDS WITHIN 1,000 FEET OF THE PROPOSED PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	NO
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	SEE #1 ABOVE
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST. AS OF JULY 16TH 2018, SWIFT CREEK IS CLASSIFIED AS C-NSW.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THE PROJECT IS WITHIN THE TAR-PAMLICO RIVER BASIN WHICH IS SUBJECT TO BUFFER RULES.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream</i></p>
	THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN EDGEcombe COUNTY.
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>
	BASED ON NWI MAPPING AND CONCEPTUAL ROW LIMITS, THE PROJECT WOULD IMPACT ~0.70 ACRE OF WETLAND.



	BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT ~235 FEET OF FRESHWATER STREAMS.
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i>
	THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i>
	SEE #7 ABOVE
15	Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i>
	THERE ARE NO HAZARDOUS WASTE SITES OR LANDFILLS WITHIN THE PROPOSED ROW LIMITS OR WITHIN 1,000 FEET.
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THE PROJECT IS ALSO LOCATED IN A REGULATORY FLOODWAY.
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i>
	THE PROJECT IS NOT WITHIN A CAMA COUNTY.
18	Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i>
	A USCG PERMIT WILL NOT BE REQUIRED.
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THE PROJECT IS NOT WITHIN A CBRA AREA.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	THE PROJECT WILL NOT INVOLVE CHANGES IN ACCESS CONTROL.



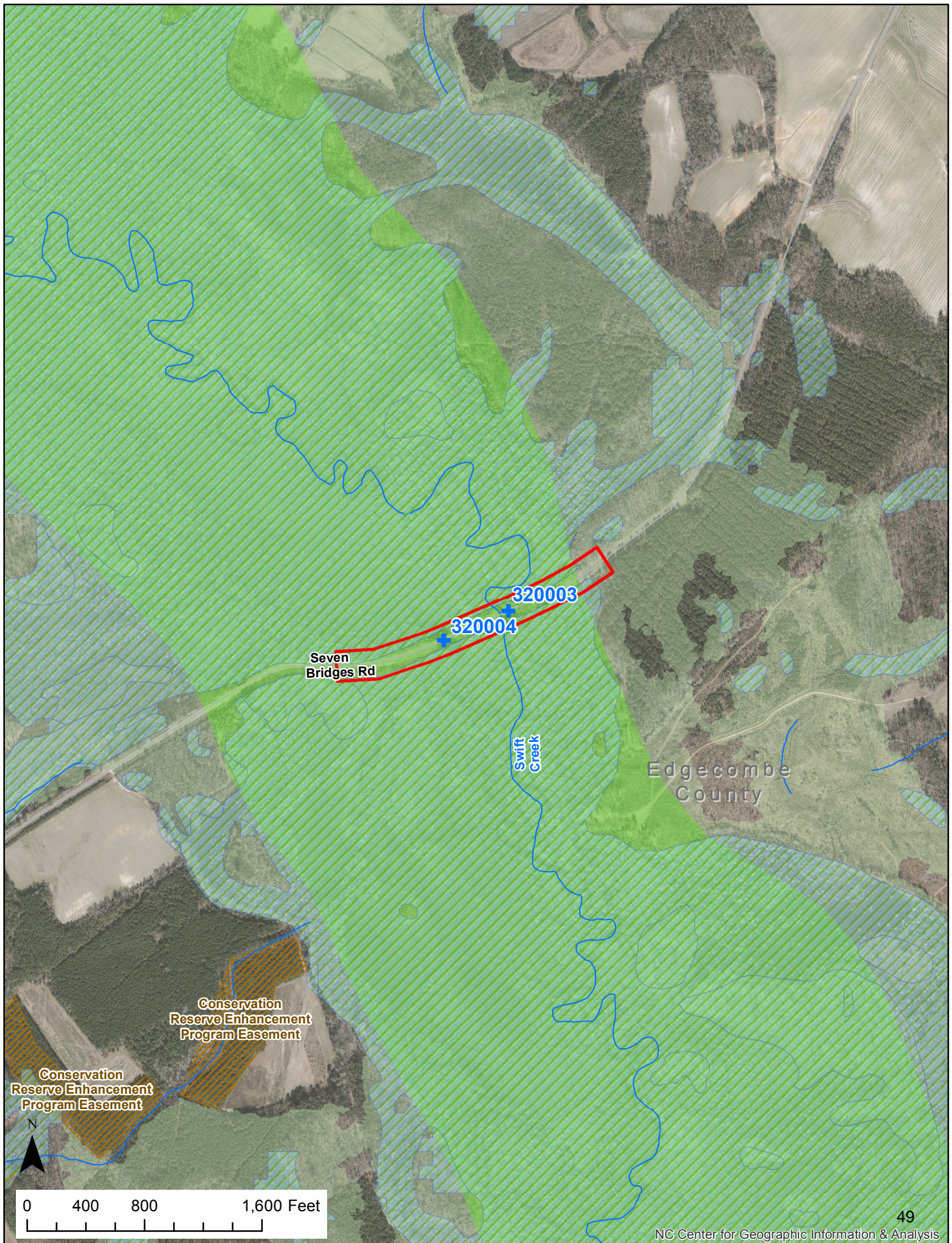
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	<p>THIS PROJECT WILL IMPROVE TRAFFIC FLOW AND WILL NOT AFFECT COMMUNITY COHESIVENESS.</p>
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND TRAFFIC IMPACTS. THE PROPOSED BRIDGE AND APPROACH ROADS WOULD BE CONSTRUCTED OUTSIDE OF THE EXISTING ROW, AND TRAFFIC IMPACTS ARE EXPECTED TO BE MINIMAL. ONSITE DETOURS WOULD BE CONSTRUCTED USING ROADWAY STANDARD DRAWINGS AND WOULD BE UTILIZED AS-NEEDED.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	<p>N/A</p>
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.ncrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>NO</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	<p>SEE #6 ABOVE</p>
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>NO</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>



	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 320004	FACILITY: SR 1404 OVER SWIFT CREEK	DIVISION: 4
YEAR BUILT: 1964	COUNTY: EDGEcombe	POSTED (SV/TTST): 15/21
COST ESTIMATE: \$2,625,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JULY 16, 2018, THE U.S. FISH AND WILDLIFE SERVICE HAS LISTED 3 SPECIES AS ENDANGERED AND ONE SPECIES AS THREATENED WITHIN EDGEcombe COUNTY. THE ENGANGERED SPECIES INCLUDE THE RED-COCKADED WOODPECKER, THE DWARF WEDGEMUSSEL, AND THE TAR RIVER SPIEYMUSSSEL. THREATENED SPECIES INCLUDE THE YELLOW LANCE.</p> <p>A CHECK OF THE CURRENT NCNHP DATABASE SHOWED ONE POSSIBLE OCCURRENCE OF THE YELLOW LANCE LESS THAN 1,000 FEET FROM THE PROJECT IN SWIFT CREEK.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR EDGEcombe COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN ONE MILE OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF BLOCK GROUP 1 & 2. THE MINORITY POPULATION OF BLOCK GROUP 1 IS 77.4%, THE MINORITY POPULATION OF BLOCK GROUP 2 IS 49.9%. THIS COMPARES TO A MINORITY POPULATION RATE OF 63.5% FOR EDGEcombe COUNTY. THE POVERTY RATE FOR BLOCK GROUP 1 IS 36.4%, THE POVERTY RATE FOR BLOCK GROUP 2 IS 18.2%. EDGEcombe COUNTY'S POVERTY RATE IS 25.7%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	NO
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>THERE ARE NO IDENTIFIED SHPO RESOURCES WITHIN 1,000 FT OF THE PROPOSED PROJECT.</p> <p>THERE ARE NO WILDLIFE REFUGES/GAMELANDS WITHIN 1,000 FEET OF THE PROPOSED PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	NO
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	SEE #1 ABOVE
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST. AS OF JULY 16TH 2018, SWIFT CREEK IS CLASSIFIED AS C-NSW.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THE PROJECT IS WITHIN THE TAR-PAMLICO RIVER BASIN WHICH IS SUBJECT TO BUFFER RULES.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream</i></p>
	THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN EDGEcombe COUNTY.
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>
	BASED ON NWI MAPPING AND CONCEPTUAL ROW LIMITS, THE PROJECT WOULD IMPACT ~0.70 ACRE OF WETLAND.



	BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT ~235 FEET OF FRESHWATER STREAMS.
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i>
	THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i>
	SEE #7 ABOVE
15	Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i>
	THERE ARE NO HAZARDOUS WASTE SITES OR LANDFILLS WITHIN THE PROPOSED ROW LIMITS OR WITHIN 1,000 FEET.
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THE PROJECT IS ALSO LOCATED IN A REGULATORY FLOODWAY.
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i>
	THE PROJECT IS NOT WITHIN A CAMA COUNTY.
18	Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i>
	A USCG PERMIT WILL NOT BE REQUIRED.
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THE PROJECT IS NOT WITHIN A CBRA AREA.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	THE PROJECT WILL NOT INVOLVE CHANGES IN ACCESS CONTROL.



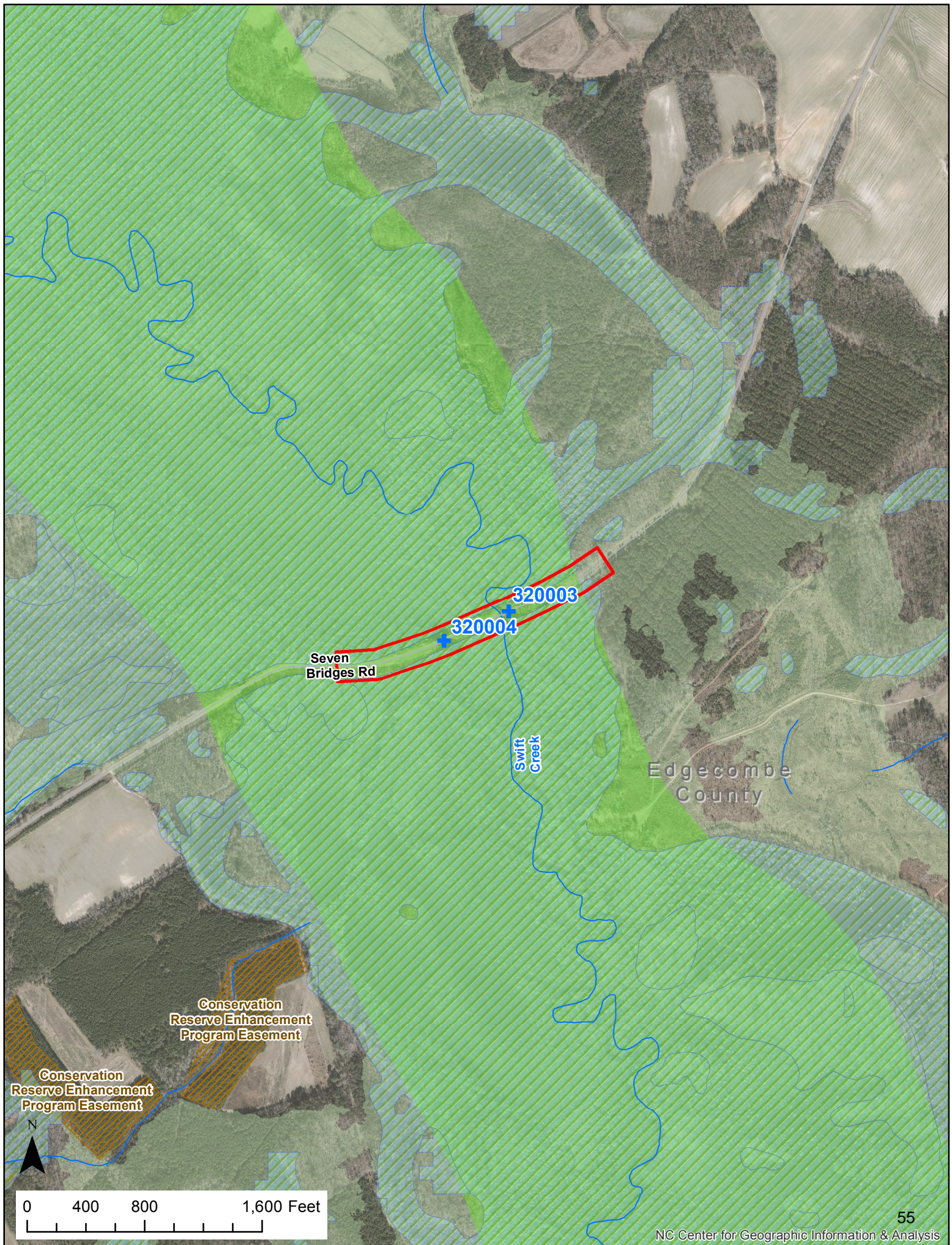
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	<p>THIS PROJECT WILL IMPROVE TRAFFIC FLOW AND WILL NOT AFFECT COMMUNITY COHESIVENESS.</p>
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND TRAFFIC IMPACTS. THE PROPOSED BRIDGE AND APPROACH ROADS WOULD BE CONSTRUCTED OUTSIDE OF THE EXISTING ROW, AND TRAFFIC IMPACTS ARE EXPECTED TO BE MINIMAL. ONSITE DETOURS WOULD BE CONSTRUCTED USING ROADWAY STANDARD DRAWINGS AND WOULD BE UTILIZED AS-NEEDED.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	<p>N/A</p>
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.ncrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>NO</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	<p>SEE #6 ABOVE</p>
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>NO</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>



	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 320035	FACILITY: SR 1616 OVER OTTER CREEK	DIVISION: 4
YEAR BUILT: 1957	COUNTY: EDGEcombe	POSTED (SV/TTST): 18/22
COST ESTIMATE: \$2,875,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JULY 16, 2018, THE U.S. FISH AND WILDLIFE SERVICE HAS LISTED 3 SPECIES AS ENDANGERED AND ONE SPECIES AS THREATENED WITHIN EDGEcombe COUNTY. THE ENGANGERED SPECIES INCLUDE THE RED-COCKADED WOODPECKER, THE DWARF WEDGEMUSSEL, AND THE TAR RIVER SPIEYMUSSSEL. THREATENED SPECIES INCLUDE THE YELLOW LANCE.</p> <p>A CHECK OF THE CURRENT NCNHP DATABASE VERIFIED NO OCCURANCES OF ANY OF THE ABOVE LISTED SPECIES WITHIN ONE MILE OF THE PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR EDGEcombe COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN ONE MILE OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF BLOCK GROUP 3. THE MINORITY POPULATION OF BLOCK GROUP 3 IS 19.0%. THIS COMPARES TO A MINORITY POPULATION OF 63.5% FOR EDGEcombe COUNTY. THE POVERTY RATE FOR BLOCK GROUP 3 IS 11.2%. EDGEcombe COUNTY'S POVERTY RATE IS 25.7%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p>



	Provide a count of potential residential and commercial displacements.
	NO
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>THERE ARE NO IDENTIFIED SHPO RESOURCES WITHIN 1,000 FT OF THE PROPOSED PROJECT.</p> <p>THERE ARE NO WILDLIFE REFUGES/GAMELANDS WITHIN 1,000 FEET OF THE PROPOSED PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>NO</p>
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST. AS OF JULY 16, 2018, OTTER CREEK IS CLASSIFIED AS C-NSW.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THE PROJECT IS WITHIN THE TAR-PAMLICO RIVER BASIN WHICH IS SUBJECT TO BUFFER RULES.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN EDGEcombe COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>BASED ON NWI MAPPING AND CONCEPTUAL ROW LIMITS, THE PROJECT WOULD IMPACT ~0.90 ACRE OF WETLAND.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT ~255 FEET OF FRESHWATER STREAMS.</p>



13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p>
	<p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p>
	<p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p>
	<p>THERE ARE NO HAZARDOUS WASTE SITES OR LANDFILLS WITHIN THE PROPOSED ROW LIMITS OR WITHIN 1,000 FEET.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p>
	<p>THE PROJECT IS WITHIN THE 100-YEAR FLOODPLAIN.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p>
	<p>THE PROJECT IS NOT WITHIN A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p>
	<p>A USCG PERMIT WILL NOT BE REQUIRED.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p>
	<p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p>
	<p>THE PROJECT IS NOT WITHIN A CBRA AREA.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p>
	<p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p>
	<p>THE PROJECT WILL NOT INVOLVE CHANGES IN ACCESS CONTROL.</p>
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>



	THIS PROJECT WILL IMPROVE TRAFFIC FLOW AND WILL NOT AFFECT COMMUNITY COHESIVENESS.
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p> <p>ALL IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND TRAFFIC IMPACTS. THE PROPOSED BRIDGE AND APPROACH ROADS WOULD BE CONSTRUCTED OUTSIDE OF THE EXISTING ROW, AND TRAFFIC IMPACTS ARE EXPECTED TO BE MINIMAL. ONSITE DETOURS WOULD BE CONSTRUCTED USING ROADWAY STANDARD DRAWINGS AND WOULD BE UTILIZED AS-NEEDED.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrcr.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p> <p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p> <p>NO</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p> <p>SEE #6 ABOVE</p>
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p> <p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>NO</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p> <p>N/A</p>
31	Are there other issues that may affect project decisions?



	<i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO



0 400 800 1,600 Feet



SCREENING CHECKLIST

BRIDGE ID: 410115	FACILITY: SR 1601 OVER ROCKY SWAMP	DIVISION: 4
YEAR BUILT: 1968	COUNTY: HALIFAX	POSTED (SV/TTST): 17/23
COST ESTIMATE: \$1,625,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JULY 16, 2018, THE U.S. FISH AND WILDLIFE SERVICE HAS LISTED 3 SPECIES AS ENDANGERED AND ONE SPECIES AS THREATENED WITHIN HALIFAX COUNTY. THE ENGANGERED SPECIES INCLUDE THE RED-COCKADED WOODPECKER, THE DWARF WEDGEMUSSEL, AND THE TAR RIVER SPINEYMUSSEL. THREATENED SPECIES INCLUDE THE YELLOW LANCE.</p> <p>A CHECK OF THE CURRENT NCNHP DATABASE SHOWED ONE POTENTIAL OCCURRENCE OF THE DWARF WEDGEMUSSEL APPROXIMATLY 0.8 MILES FROM THE PROPOSED PROJECT IN ROCKY SWAMP.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR HALIFAX COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 5 MILES OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF BLOCK GROUP 3. THE MINORITY POPULATION OF BLOCK GROUP 3 IS 49.2%. THIS COMPARES TO A MINORITY POPULATION OF 61.1% FOR HALIFAX COUNTY. THE POVERTY RATE FOR BLOCK GROUP 3 IS 19.6%. HALIFAX COUNTY'S POVERTY RATE IS 26.8%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p>



	Provide a count of potential residential and commercial displacements.
	NO
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>THERE ARE NO SHPO RESOURCES WITHIN 1,000 FT OF THE PROPOSED PROJECT.</p> <p>THERE ARE NO WILDLIFE REFUGES/GAMELANDS WITHIN 1,000 FEET OF THE PROPOSED PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>NO</p>
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST. AS OF JULY 16TH 2018, ROCKY SWAMP IS CLASSIFIED AS C-NSW.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THE PROJECT IS WITHIN THE TAR-PAMLICO RIVER BASIN WHICH IS SUBJECT TO BUFFER RULES.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN HALIFAX COUNTY.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>BASED ON NWI MAPPING AND CONCEPTUAL ROW LIMITS, THE PROJECT WOULD IMPACT ~0.86 ACRE OF WETLAND.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT ~260 FEET OF FRESHWATER</p>



	STREAMS.
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS WASTE SITES OR LANDFILLS WITHIN THE PROPOSED ROW LIMITS OR WITHIN 1,000 FEET.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>PORTIONS OF THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THE PROJECT WILL NOT AFFECT ANY REGULATORY FLOODWAY.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>HALIFAX COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>A USCG PERMIT WILL NOT BE REQUIRED.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THE PROJECT IS NOT WITHIN A CBRA AREA.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN 1,000 FEET OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i></p> <p>THE PROJECT WILL NOT INVOLVE CHANGES IN ACCESS CONTROL.</p>



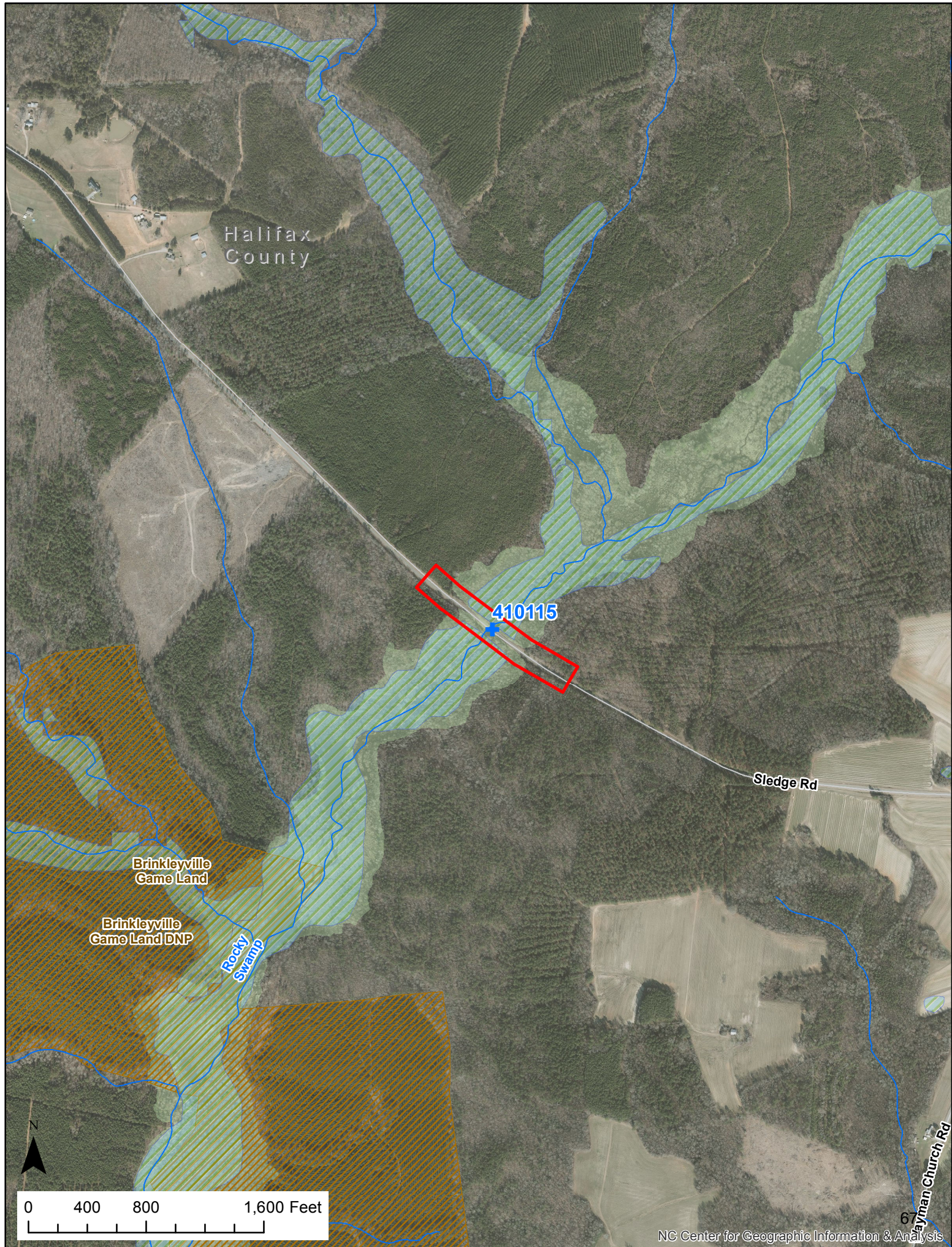
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	<p>THIS PROJECT WILL IMPROVE TRAFFIC FLOW AND WILL NOT AFFECT COMMUNITY COHESIVENESS.</p>
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND TRAFFIC IMPACTS. THE PROPOSED BRIDGE AND APPROACH ROADS WOULD BE CONSTRUCTED OUTSIDE OF THE EXISTING ROW, AND TRAFFIC IMPACTS ARE EXPECTED TO BE MINIMAL. ONSITE DETOURS WOULD BE CONSTRUCTED USING ROADWAY STANDARD DRAWINGS AND WOULD BE UTILIZED AS-NEEDED.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	<p>N/A</p>
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>NO</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	<p>SEE #6 ABOVE</p>
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>NO</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>



	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 630080	FACILITY: SR 1403 OVER GIDEON SWAMP	DIVISION: 4
YEAR BUILT: 1948	COUNTY: NASH	POSTED (SV/TTST): 17/25
COST ESTIMATE: \$1,875,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JULY 16, 2018, THE U.S. FISH AND WILDLIFE SERVICE HAS LISTED 4 SPECIES AS ENDANGERED AND ONE SPECIES AS THREATENED WITHIN NASH COUNTY. THE ENDANGERED SPECIES INCLUDE THE RED-COCKADED WOODPECKER, THE DWARF WEDGEMUSSEL, THE TAR RIVER SPINEYMUSSEL, AND THE MICHAUX'S SUMAC. THREATENED SPECIES INCLUDE THE YELLOW LANCE.</p> <p>A CHECK OF THE CURRENT NCNHP DATABASE SHOWED NO OCCURRENCE OF ANY OF THE ABOVE LISTED SPECIES WITHIN A MILE OF THE PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR NASH COUNTY DOES INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 5 MILES OF THE PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT CONTAINS A PORTION OF BLOCK GROUP 1. THE MINORITY POPULATION OF BLOCK GROUP 1 IS 78.0%. THIS COMPARES TO A MINORITY POPULATION OF 48.5% FOR NASH COUNTY. THE POVERTY RATE FOR BLOCK GROUP 1 IS 13.4%. NASH COUNTY'S POVERTY RATE IS 17.4%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p>



	Provide a count of potential residential and commercial displacements.
	NO
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>BATTLE-COOPER HICKS HOUSE (NS0531) IS LOCATED WITHIN 1,000 FEET OF THE PROPOSED PROJECT AND IS ON THE <u>NATIONAL REGISTER STUDY LIST</u>.</p> <p>THERE ARE NO WILDLIFE REFUGES/GAMELANDS WITHIN 1,000 FEET OF THE PROPOSED PROJECT.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>NO</p>
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST. AS OF JULY 16TH 2018, GIDEON SWAMP IS CLASSIFIED AS C-NSW.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THE PROJECT IS WITHIN THE TAR-PAMLICO RIVER BASIN WHICH IS SUBJECT TO BUFFER RULES.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>BASED ON NWI MAPPING AND CONCEPTUAL ROW LIMITS, THE PROJECT WOULD IMPACT ~0.11 ACRE OF WETLAND.</p>



	BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT ~260 FEET OF FRESHWATER STREAMS.
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i>
	THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i>
	SEE #7 ABOVE
15	Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i>
	THERE ARE NO HAZARDOUS WASTE SITES OR LANDFILLS WITHIN THE PROPOSED ROW LIMITS OR WITHIN 1,000 FEET.
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i>
	THE PROJECT IS WITHIN THE 100-YEAR FLOODPLAIN. NO REGULATORY FLOODWAY IS WITHIN 1,000 FEET OF THE PROPOSED PROJECT.
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i>
	NASH COUNTY IS NOT A CAMA COUNTY.
18	Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i>
	A USCG PERMIT WILL NOT BE REQUIRED.
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THE PROJECT IS NOT WITHIN A CBRA AREA
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	THE PROJECT WILL NOT INVOLVE CHANGES IN ACCESS CONTROL.



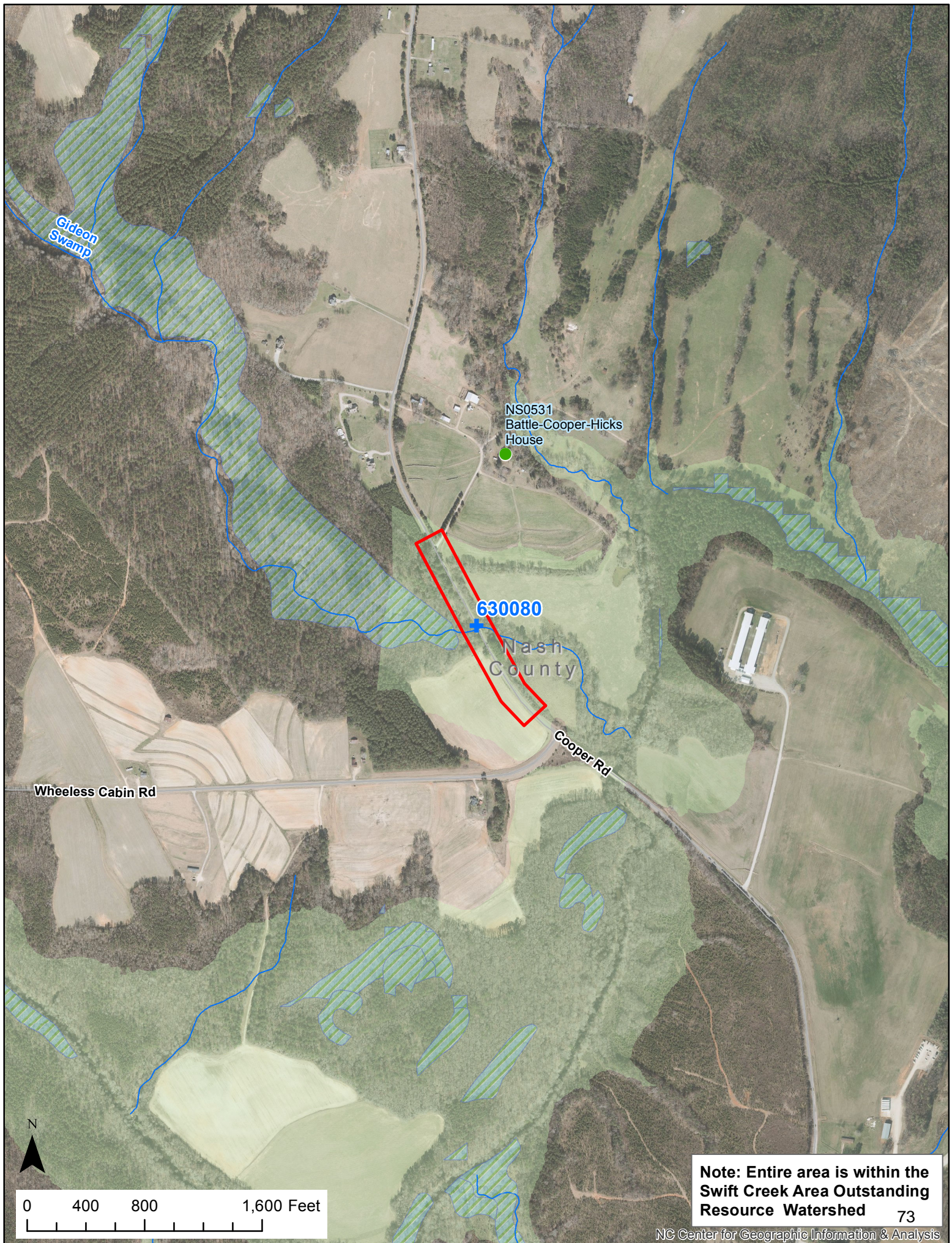
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	<p>THIS PROJECT WILL IMPROVE TRAFFIC FLOW AND WILL NOT AFFECT COMMUNITY COHESIVENESS.</p>
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND TRAFFIC IMPACTS. THE PROPOSED BRIDGE AND APPROACH ROADS WOULD BE CONSTRUCTED OUTSIDE OF THE EXISTING ROW, AND TRAFFIC IMPACTS ARE EXPECTED TO BE MINIMAL. ONSITE DETOURS WOULD BE CONSTRUCTED USING ROADWAY STANDARD DRAWINGS AND WOULD BE UTILIZED AS-NEEDED.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	<p>N/A</p>
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.ncrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>NO</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	<p>SEE #6 ABOVE</p>
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>NO</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>



	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO



Note: Entire area is within the
Swift Creek Area Outstanding
Resource Watershed 73



SCREENING CHECKLIST

BRIDGE ID: 850318	FACILITY: SR1319 OVER UT OF SOUTH FORK MITCHELL RIVER	DIVISION: 11
YEAR BUILT: 1960	COUNTY: SURRY	POSTED (SV/TTST): 23/31
COST ESTIMATE: \$473,750		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTRT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE SCHWEINITZ'S SUNFLOWER AS ENDANGERED WITHIN SURRY COUNTY. THE NORTHERN LONG-EARED BAT AND THE SMALL WHORLED POGONIA ARE LISTED AS THREATENED WITHIN SURRY COUNTY.</p> <p>THE BOG TURTLE IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE WITH ANOTHER LISTED SPECIES AND IS LISTED FOR ITS PROTECTION. HOWEVER, THE BOG TURTLE IS NOT BIOLOGICALLY ENDANGERED OR THREATENED AND IS NOT SUBJECT TO SECTION 7 CONSULTATION.</p> <p>A CHECK OF THE CURRENT NCNHP DATABASE SHOWED ONE CURRENT OCCURRENCE OF A FEDERALLY ENDANGERED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT: BOG TURTLE (EOID 11892, LAST OBSERVED IN 1997).</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTRT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR SURRY COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 1 BLOCK GROUP. THE MINORITY POPULATION OF THE DSA IS 3.7%. THIS COMPARES TO A MINORITY POPULATION OF 15.5% FOR SURRY COUNTY. THE POVERTY RATE FOR THE DSA IS 17.3%. SURRY COUNTY'S POVERTY RATE IS 15.4%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON</p>



	AERIAL IMAGERY.
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THERE ARE NO PARKS OR WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.
8	<p>Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	SEE #1 ABOVE
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a "WS" (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by "Tr" classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1</i></p>



	acre and to streams to the nearest 10 feet.
	THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS. BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 420 FEET OF FRESHWATER STREAMS.
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i>
	THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i>
	SEE #7 ABOVE
15	Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i>
	THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN.
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i>
	SURRY COUNTY IS NOT A CAMA COUNTY.
18	Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i>
	THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control?

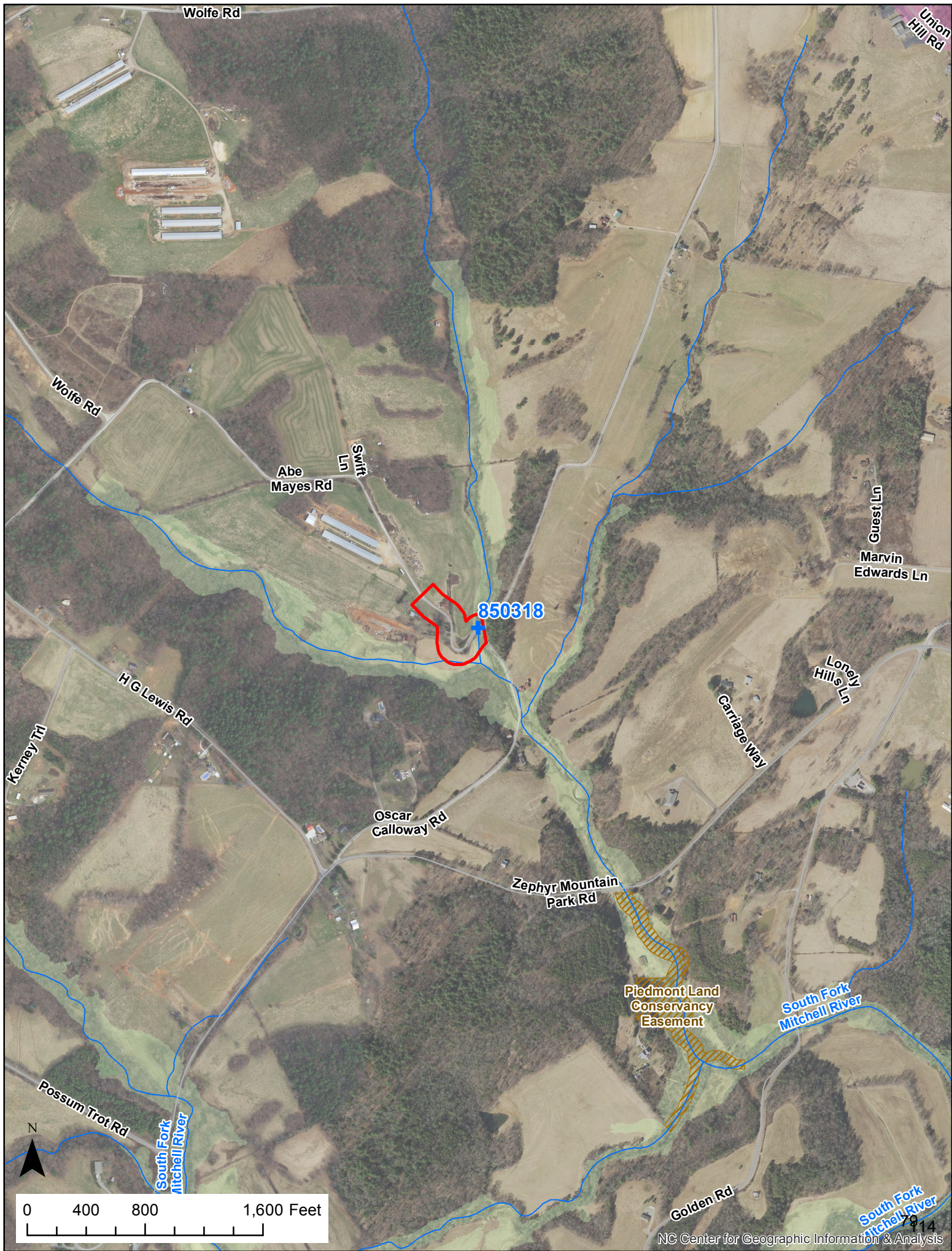


	<i>Note if the project is proposing a change in control of access.</i>
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE
29	Is the project considered a Type I under the NCDOT's Noise Policy? <i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i>
	IF THE PROJECT IS FEDERALLY FUNDED <i>Is the project a Type I project?</i> NO
	IF THE PROJECT IS STATE FUNDED <i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i> THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?



	<i>This question will be evaluated during project development.</i>
	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

<i>INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.</i>	
32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 960166	FACILITY: SR1745 OVER WEST PRONG ROARING RIVER	DIVISION: 11
YEAR BUILT: 1977	COUNTY: WILKES	POSTED (SV/TTST): 26/31
COST ESTIMATE: \$2,625,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RUSTY-PATCHED BUMBLE BEE AS ENDANGERED AND THE NORTHERN LONG-EARED BAT AS THREATENED WITHIN WILKES COUNTY.</p> <p>THE BOG TURTLE IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE WITH ANOTHER LISTED SPECIES AND IS LISTED FOR ITS PROTECTION. HOWEVER, THE BOG TURTLE IS NOT BIOLOGICALLY ENDANGERED OR THREATENED AND IS NOT SUBJECT TO SECTION 7 CONSULTATION.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY ENDANGERED OR THREATENED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR WILKES COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 2 BLOCK GROUPS. THE MINORITY POPULATION OF THE DSA IS 1.1%. THIS COMPARES TO A MINORITY POPULATION OF 11.7% FOR WILKES COUNTY. THE POVERTY RATE FOR THE DSA IS 11.1%. WILKES COUNTY'S POVERTY RATE IS 14.3%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THERE ARE NO PARKS OR WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>



	<p>THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 200 FEET OF FRESHWATER STREAMS.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>WILKES COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p> <p>NO</p>



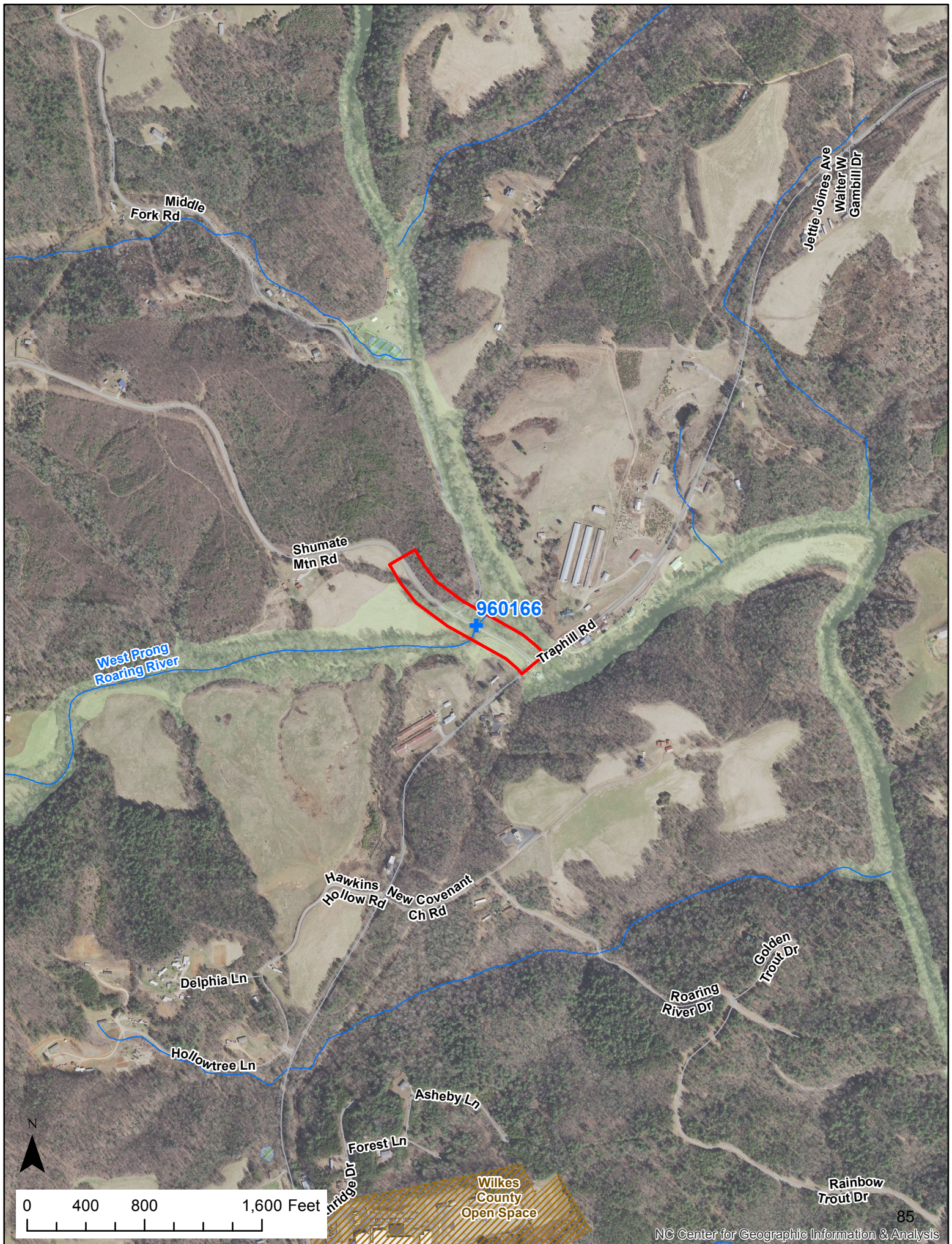
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	NO
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrcr.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	SEE #6 ABOVE
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p>
	<p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A



31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 960663	FACILITY: SR1002 OVER E. PRONG ROARING RIVER	DIVISION: 11
YEAR BUILT: 1950	COUNTY: WILKES	POSTED (SV/TTST): 24/31
COST ESTIMATE: \$3,500,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRTT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RUSTY-PATCHED BUMBLE BEE AS ENDANGERED AND THE NORTHERN LONG-EARED BAT AS THREATENED WITHIN WILKES COUNTY.</p> <p>THE BOG TURTLE IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE WITH ANOTHER LISTED SPECIES AND IS LISTED FOR ITS PROTECTION. HOWEVER, THE BOG TURTLE IS NOT BIOLOGICALLY ENDANGERED OR THREATENED AND IS NOT SUBJECT TO SECTION 7 CONSULTATION.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY ENDANGERED OR THREATENED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRTT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR WILKES COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 2 BLOCK GROUPS. THE MINORITY POPULATION OF THE DSA IS 3.2%. THIS COMPARES TO A MINORITY POPULATION OF 11.7% FOR WILKES COUNTY. THE POVERTY RATE FOR THE DSA IS 12.3%. WILKES COUNTY'S POVERTY RATE IS 14.3%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THERE ARE NO WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p> <p>THE MOUNTAINS TO SEA TRAIL, WHICH FOLLOWS THE EAST PRONG ROARING RIVER, IS LOCATED WITHIN THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THE PROPOSED PROJECT CROSSES THE EAST PRONG ROARING RIVER, WHICH IS CLASSIFIED AS AN NCDEQ TROUT STREAM. THE EAST PRONG ROARING RIVER IS ALSO MAPPED AS PUBLIC MOUNTAIN TROUT WATER.</p>



12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>
	<p>THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 490 FEET OF FRESHWATER STREAMS.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p>
	<p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p>
	<p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p>
	<p>THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p>
	<p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p>
	<p>WILKES COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p>
	<p>THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p>
	<p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p>
	<p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p>
	<p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>



22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p>
	NO
23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	NO
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	SEE #6 ABOVE
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection</p>



	Policy Act (FPPA)? <i>This question will be evaluated during project development.</i>
	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO



WK0002
Holbrook Farm
Complex 1978

Holbrook
Farm
Complex

Twin Locust Rd

Traphill Estates Rd

Low
Meadows Ln

Porch Time Ln

Round Hill
Ch Rd

Grissel
Rd

960663

Traphill Rd

Proposed
Mountains
to Sea Trail

Traphill
Unrd/25



0 400 800 1,600 Feet



SCREENING CHECKLIST

BRIDGE ID: 960667	FACILITY: SR1749 OVER SPARKS CREEK	DIVISION: 11
YEAR BUILT: 1953	COUNTY: WILKES	POSTED (SV/TTST): 25/37
COST ESTIMATE: \$2,000,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NTR) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE RUSTY-PATCHED BUMBLE BEE AS ENDANGERED AND THE NORTHERN LONG-EARED BAT AS THREATENED WITHIN WILKES COUNTY.</p> <p>THE BOG TURTLE IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE WITH ANOTHER LISTED SPECIES AND IS LISTED FOR ITS PROTECTION. HOWEVER, THE BOG TURTLE IS NOT BIOLOGICALLY ENDANGERED OR THREATENED AND IS NOT SUBJECT TO SECTION 7 CONSULTATION.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY ENDANGERED OR THREATENED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NTR must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR WILKES COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 1 BLOCK GROUP. THE MINORITY POPULATION OF THE DSA IS 3.9%. THIS COMPARES TO A MINORITY POPULATION OF 11.7% FOR WILKES COUNTY. THE POVERTY RATE FOR THE DSA IS 11.4%. WILKES COUNTY'S POVERTY RATE IS 14.3%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THERE ARE NO PARKS OR WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>



	<p>THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 1,010 FEET OF FRESHWATER STREAMS.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>WILKES COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p> <p>NO</p>



23	<p>Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?</p> <p><i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i></p>
	NO
24	<p>Will maintenance of traffic cause substantial disruption?</p> <p><i>Note if an offsite detour is recommended.</i></p>
	<p>ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.</p>
25	<p>Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A
26	<p>Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?</p> <p><i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrcr.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i></p>
	<p>THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.</p>
27	<p>Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i></p>
	<p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.</p>
28	<p>Does the project include a de minimis or programmatic Section 4(f)?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #6 above.</i></p>
	SEE #6 ABOVE
29	<p>Is the project considered a Type I under the NCDOT's Noise Policy?</p> <p><i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i></p>
	<p>IF THE PROJECT IS FEDERALLY FUNDED</p> <p><i>Is the project a Type I project?</i></p> <p>NO</p> <p>IF THE PROJECT IS STATE FUNDED</p> <p><i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i></p> <p>THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.</p>
30	<p>Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?</p> <p><i>This question will be evaluated during project development.</i></p>
	N/A



31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 980189	FACILITY: SR1325 OVER UT OF SOUTH DEEP CREEK	DIVISION: 11
YEAR BUILT: 1968	COUNTY: YADKIN	POSTED (SV/TTST): 15/20
COST ESTIMATE: \$617,500		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE NORTHERN LONG-EARED BAT AS THREATENED WITHIN YADKIN COUNTY.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY ENDANGERED OR THREATENED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR YADKIN COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 1 BLOCK GROUP. THE MINORITY POPULATION OF THE DSA IS 0.0%. THIS COMPARES TO A MINORITY POPULATION OF 15.0% FOR YADKIN COUNTY. THE POVERTY RATE FOR THE DSA IS 7.5%. YADKIN COUNTY'S POVERTY RATE IS 12.3%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>
5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p> <p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY</p>



	AREA.
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE IS ONE NC SHPO RESOURCE WITHIN 1,000 FEET OF THE PROJECT. THE HALL FAMILY HOUSE IS DIRECTLY ADJACENT TO THE NORTHWESTERN PROJECT BOUNDARY.</p> <p>THERE ARE NO PARKS OR WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p> <p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE IS ONE NC SHPO RESOURCE WITHIN 1,000 FEET OF THE PROJECT. THE HALL FAMILY HOUSE IS DIRECTLY ADJACENT TO THE NORTHWESTERN PROJECT BOUNDARY.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p> <p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p> <p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p> <p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>ANY STREAMS LOCATED IN THE PROJECT LIMITS ARE WITHIN A WATER SUPPLY III WATERSHED.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream</i></p> <p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p> <p>THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS.</p>



	BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 200 FEET OF FRESHWATER STREAMS.
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility? <i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i>
	THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains? <i>This question will require additional evaluation during project development. Refer to Question #7 above.</i>
	SEE #7 ABOVE
15	Does the project involve hazardous materials and/or landfills? <i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i>
	THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A? <i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN.
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)? <i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i>
	YADKIN COUNTY IS NOT A CAMA COUNTY.
18	Does the project require a U.S. Coast Guard (USCG) permit? <i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i>
	THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area? <i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i>
	THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources? <i>Review the Division Resource Map to determine if the project is within a CBRA area.</i>
	THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands? <i>Review the Division Resource Map to determine if the project is within federal lands.</i>
	THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.
22	Does the project involve any changes in access control? <i>Note if the project is proposing a change in control of access.</i>
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?



	<i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE
29	Is the project considered a Type I under the NCDOT's Noise Policy? <i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i>
	IF THE PROJECT IS FEDERALLY FUNDED <i>Is the project a Type I project?</i> NO
	IF THE PROJECT IS STATE FUNDED <i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i> THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)? <i>This question will be evaluated during project development.</i>
	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>



NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO



Note: Entire area is within
a water supply watershed



SCREENING CHECKLIST

BRIDGE ID: 480165	FACILITY: SR1601 OVER ROCKY CREEK	DIVISION: 12
YEAR BUILT: 1965	COUNTY: IREDELL	POSTED (SV/TTST): 21/24
COST ESTIMATE: \$1,875,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE NORTHERN LONG-EARED BAT AND THE DWARF-FLOWERED HEARTLEAF AS THREATENED WITHIN IREDELL COUNTY.</p> <p>THE BOG TURTLE IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE WITH ANOTHER LISTED SPECIES AND IS LISTED FOR ITS PROTECTION. HOWEVER, THE BOG TURTLE IS NOT BIOLOGICALLY ENDANGERED OR THREATENED AND IS NOT SUBJECT TO SECTION 7 CONSULTATION.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY ENDANGERED OR THREATENED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR IREDELL COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 1 BLOCK GROUP. THE MINORITY POPULATION OF THE DSA IS 5.5%. THIS COMPARES TO A MINORITY POPULATION OF 23.2% FOR IREDELL COUNTY. THE POVERTY RATE FOR THE DSA IS 6.2%. IREDELL COUNTY'S POVERTY RATE IS 9.5%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THERE ARE NO PARKS OR WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>



	<p>THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 390 FEET OF FRESHWATER STREAMS.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN AND REGULATORY FLOODWAY.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>IREDELL COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p>



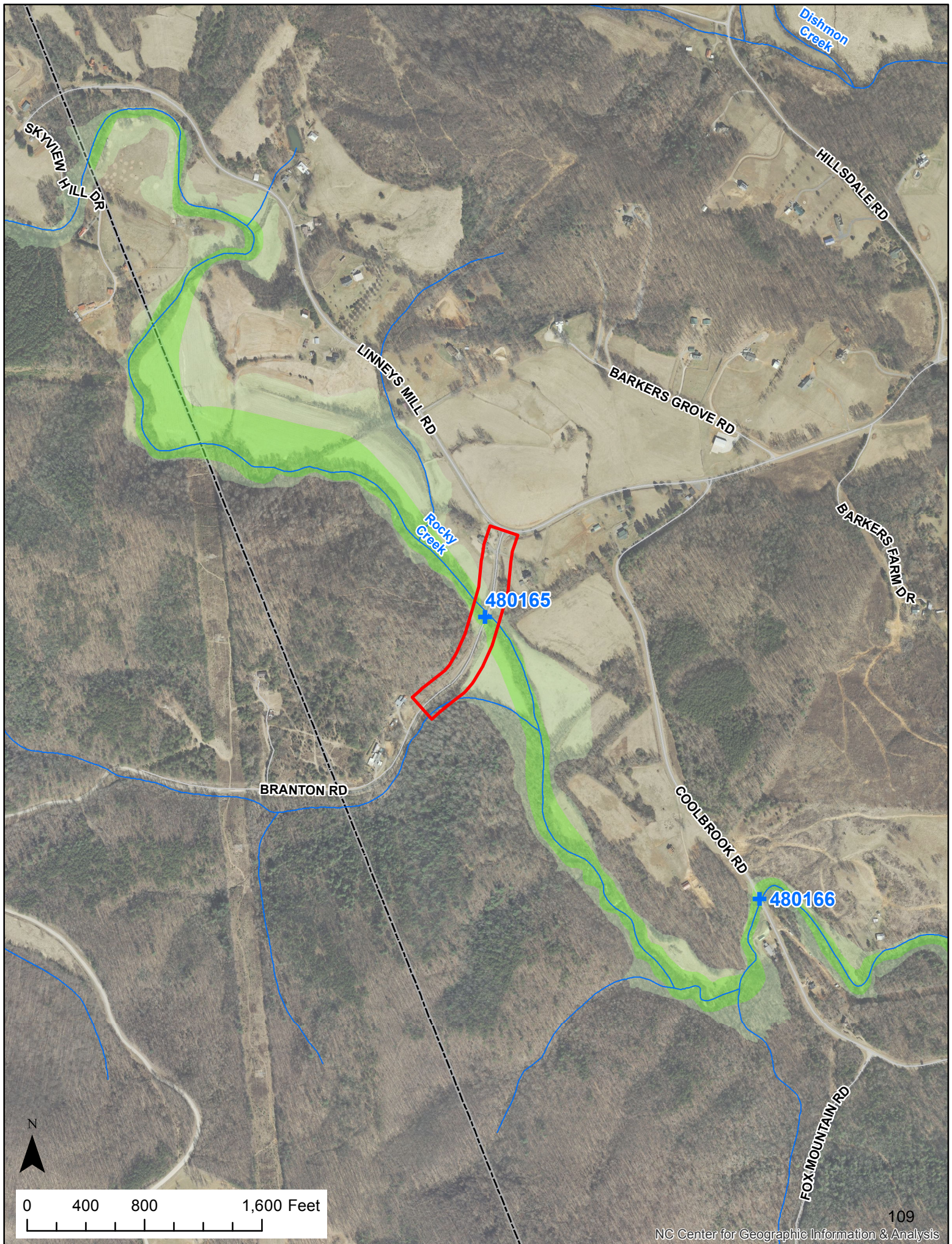
	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN AND REGULATORY FLOODWAY. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE
29	Is the project considered a Type I under the NCDOT's Noise Policy? <i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i>
	IF THE PROJECT IS FEDERALLY FUNDED <i>Is the project a Type I project?</i> NO IF THE PROJECT IS STATE FUNDED <i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i> THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)? <i>This question will be evaluated during project development.</i>



	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO





SCREENING CHECKLIST

BRIDGE ID: 480166	FACILITY: SR1595 OVER ROCKY CREEK	DIVISION: 12
YEAR BUILT: 1966	COUNTY: IREDELL	POSTED (SV/TTST): 24/30
COST ESTIMATE: \$2,125,000		

INSTRUCTIONS: The following questions are based on the CE Checklists for TYPE I and II projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

1	<p>Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?</p> <p><i>A Natural Resources Technical Report (NRT) must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note species or designated critical habitat listed in the county(s).</i></p> <p>AS OF JUNE 27, 2018, THE USFWS LISTS THE NORTHERN LONG-EARED BAT AND THE DWARF-FLOWERED HEARTLEAF AS THREATENED WITHIN IREDELL COUNTY.</p> <p>THE BOG TURTLE IS LISTED AS THREATENED DUE TO SIMILARITY OF APPEARANCE WITH ANOTHER LISTED SPECIES AND IS LISTED FOR ITS PROTECTION. HOWEVER, THE BOG TURTLE IS NOT BIOLOGICALLY ENDANGERED OR THREATENED AND IS NOT SUBJECT TO SECTION 7 CONSULTATION.</p> <p>A CHECK OF THE CURRENT NC NHP DATABASE SHOWED NO OCCURRENCES OF FEDERALLY ENDANGERED OR THREATENED SPECIES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
2	<p>Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?</p> <p><i>A NRT must be prepared during project development before this question can be fully answered. Review the current USFWS Endangered and Threatened Species and Species of Concern by County for North Carolina and note if BGPA species are listed in the county(s).</i></p> <p>THE USFWS LIST FOR IREDELL COUNTY DOES NOT INCLUDE THE BALD EAGLE. THE NCNHP DATABASE DOES NOT SHOW ANY OCCURRENCES WITHIN 1 MILE OF THE PROPOSED PROJECT.</p>
3	<p>Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?</p> <p><i>Review the appropriate CTP for documentation of public involvement in the CTP development and any comments related to the project.</i></p> <p>NO</p>
4	<p>Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?</p> <p><i>This question will require additional evaluation during project development. Using the NCDOT Demographic Tool, note the total population, as well as minority and low-income populations for the county and each Census Block Group in which the project is located. Also note any observations based on review of aerial photography.</i></p> <p>THE PROJECT DEMOGRAPHIC STUDY AREA (DSA) CONTAINS PORTIONS OF 1 BLOCK GROUP. THE MINORITY POPULATION OF THE DSA IS 5.5%. THIS COMPARES TO A MINORITY POPULATION OF 23.2% FOR IREDELL COUNTY. THE POVERTY RATE FOR THE DSA IS 6.2%. IREDELL COUNTY'S POVERTY RATE IS 9.5%.</p> <p>THERE IS NO EVIDENCE OF LOW INCOME HOUSING IN THE VICINITY OF THE PROJECT VISIBLE ON AERIAL IMAGERY.</p>



5	<p>Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?</p> <p><i>Provide a count of potential residential and commercial displacements.</i></p>
	<p>THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES WITHIN THE PROJECT STUDY AREA.</p>
6	<p>Does the project require an Individual Section 4(f) approval?</p> <p><i>This question will require additional evaluation during project development. At this time, note the presence of properties that may be subject to Section 4(f), including historic resources, parks, and wildlife/waterfowl refuges. Note those within the proposed right of way, as well as within 1,000' of the project.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p> <p>THERE ARE NO PARKS OR WILDLIFE REFUGES WITHIN 1,000 FEET OF THE PROPOSED ROW.</p>
7	<p>Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?</p> <p><i>This question will require additional evaluation during project development. Review NC State Historic Preservation Office GIS data and note the presence of historic properties within the proposed right of way, as well as within 1,000' of the project. Note: this site does not include archaeological resources.</i></p>
	<p>ACCORDING TO THE NC SHPO GIS DATABASE, THERE ARE NO NC SHPO RESOURCES WITHIN 1,000 FEET OF THE PROJECT.</p>
8	<p>Does the project result in a finding of “may affect not likely to adversely affect” for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Refer to Question #1 above.</i></p>
	<p>SEE #1 ABOVE</p>
9	<p>Is the project located in anadromous fish spawning waters?</p> <p><i>Review the anadromous fish spawning areas maps to determine if the project is within 1,000' of these areas.</i></p>
	<p>THERE ARE NO ANADROMOUS FISH SPAWNING WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
10	<p>Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?</p> <p><i>Determine the NCDEQ Surface Water Classification of any waters within 1,000' of the project, and note if any have a “WS” (Water Supply) classification or supplemental classification of ORW or HQW. Check the current 303(d) list for 303(d) listed waters within 1,000 feet of the project. Review the Division Resource Map to determine if the project is within a watershed subject to buffer rules.</i></p>
	<p>NONE OF THE WATERS WITHIN 1,000 FEET OF THE PROJECT ARE WITHIN WATER SUPPLY WATERSHEDS OR CLASSIFIED AS ORW, HQW, OR LISTED ON THE FINAL 2014 303(D) LIST.</p> <p>STATE BUFFER RULES DO NOT APPLY WITHIN THE YADKIN PEE-DEE RIVER BASIN, WHERE THE PROJECT IS LOCATED.</p> <p>THERE IS NO MAPPED SAV WITHIN 1,000 FEET OF THE PROJECT.</p>
11	<p>Does the project impact waters of the United States in any of the designated mountain trout streams?</p> <p><i>Trout counties are identified on the PDEA Agency Merger Contact Map, and trout waters are identified by “Tr” classification in their NCDEQ Surface Water Classification (see Question #10 above). Determine if project is within 1000' of a trout stream.</i></p>
	<p>THERE ARE NO NCDEQ CLASSIFIED TROUT STREAMS OR DESIGNATED PUBLIC MOUNTAIN TROUT WATERS WITHIN 1,000 FEET OF THE PROJECT.</p>
12	<p>Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?</p> <p><i>This question will require additional evaluation during project development. Using express conceptual design right of way limits and National Wetland Inventory (NWI) mapping, calculate potential impacts to waters of the U.S. Note impacts to wetlands to the nearest 0.1 acre and to streams to the nearest 10 feet.</i></p>



	<p>THERE ARE NO MAPPED NWI WETLANDS WITHIN THE PROJECT LIMITS.</p> <p>BASED ON NHD FLOWLINES, THE PROJECT WOULD IMPACT APPROXIMATELY 230 FEET OF FRESHWATER STREAMS.</p>
13	<p>Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a FERC licensed facility.</i></p> <p>THERE ARE NO FERC LICENSED FACILITIES WITHIN 1,000 FEET OF THE PROJECT.</p>
14	<p>Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?</p> <p><i>This question will require additional evaluation during project development. Refer to Question #7 above.</i></p> <p>SEE #7 ABOVE</p>
15	<p>Does the project involve hazardous materials and/or landfills?</p> <p><i>Note any potential hazardous properties based on review of aerial photography or from NC OneMap data.</i></p> <p>THERE ARE NO HAZARDOUS MATERIALS OR LANDFILLS WITHIN 1,000 FEET OF THE PROJECT.</p>
16	<p>Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?</p> <p><i>Review NC Floodmaps data to determine whether the project may encroach on any base (100-year) floodplain and/or regulatory floodway.</i></p> <p>THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN AND REGULATORY FLOODWAY.</p>
17	<p>Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?</p> <p><i>A NRTR must be prepared during project development before this question can be fully answered. Review the Division Resource Map to determine if the project is within a CAMA county.</i></p> <p>IREDELL COUNTY IS NOT A CAMA COUNTY.</p>
18	<p>Does the project require a U.S. Coast Guard (USCG) permit?</p> <p><i>Review NCDOT's USCG Stream Coordination Map to determine if the project impacts a navigable waterway that may require coordination and permitting with the USCG.</i></p> <p>THERE ARE NO NAVIGABLE WATERS WITHIN THE VICINITY OF THE PROJECT.</p>
19	<p>Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?</p> <p><i>Review the Division Resource Map to determine if the project is within 1,000' of a Wild and Scenic River.</i></p> <p>THERE ARE NO WILD AND SCENIC RIVERS WITHIN 1,000 FEET OF THE PROJECT.</p>
20	<p>Does the project involve Coastal Barrier Resources Act (CBRA) resources?</p> <p><i>Review the Division Resource Map to determine if the project is within a CBRA area.</i></p> <p>THERE ARE NO CBRA AREAS WITHIN THE VICINITY OF THE PROJECT.</p>
21	<p>Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?</p> <p><i>Review the Division Resource Map to determine if the project is within federal lands.</i></p> <p>THERE ARE NO FEDERAL LANDS WITHIN THE VICINITY OF THE PROJECT.</p>
22	<p>Does the project involve any changes in access control?</p> <p><i>Note if the project is proposing a change in control of access.</i></p>



	NO
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness? <i>This question will require additional evaluation during project development. At this time, note changes in traffic patterns and any reduction in access to community resources.</i>
	NO
24	Will maintenance of traffic cause substantial disruption? <i>Note if an offsite detour is recommended.</i>
	ALL PROPOSED IMPROVEMENTS AND CONSTRUCTION WOULD BE COMPLETED IN A MANNER TO MINIMIZE DETOURS AND IMPACTS TO TRAFFIC. AN OFFSITE DETOUR COULD BE USED WITHOUT SUBSTANTIALLY IMPACTING TRAFFIC PATTERNS AND ACCESS.
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)? <i>This question will be evaluated during project development.</i>
	N/A
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property? <i>A list of resources using funds provide through Section 6(f) of the Land and Water Conservation Fund (LWCF) is available at http://waso-lwcf.nrc.nps.gov/public/index.cfm. Review the Division Resource Map to determine if the project crosses a TVA area. If parcel data is available, use best available information to determine if any of these situations exist.</i>
	THERE ARE NO UNIQUE AREAS OR SPECIAL LANDS THAT WERE ACQUIRED IN FEE OR EASEMENT WITH PUBLIC USE MONEY WITHIN THE VICINITY OF THE PROJECT.
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)? <i>This question will require additional evaluation during project development. Refer to Question #16 above, and if the project is within a flood zone, review property data for locally-owned property (county or municipality) within the flood zone and note. If parcel data is available, determine if any property in the flood zone is government owned.</i>
	THE PROJECT ROW LIMITS OCCUR WITHIN THE 100-YEAR FLOODPLAIN AND REGULATORY FLOODWAY. THERE ARE NO FEMA BUYOUT PROPERTIES WITHIN THE VICINITY OF THE PROJECT.
28	Does the project include a de minimis or programmatic Section 4(f)? <i>This question will require additional evaluation during project development. Refer to Question #6 above.</i>
	SEE #6 ABOVE
29	Is the project considered a Type I under the NCDOT's Noise Policy? <i>Review NCDOT's Traffic Noise Policy (pages 2-3) to determine the level of noise analysis that may be required. Provide responses for each funding scenario noting the level of environmental documentation.</i>
	IF THE PROJECT IS FEDERALLY FUNDED <i>Is the project a Type I project?</i> NO IF THE PROJECT IS STATE FUNDED <i>Is the project on an interstate or full control of access US route and does it involve adding additional through lanes? Will the project require a state EA or EIS?</i> THE PROJECT IS NOT ON AN INTERSTATE OR FULL CONTROL OF ACCESS US ROUTE.
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)? <i>This question will be evaluated during project development.</i>



	N/A
31	Are there other issues that may affect project decisions? <i>Note any other issues that should be considered during project development.</i>
	NO

INSTRUCTIONS: The following questions are based on the CE Checklist for TYPE III projects. Answer each question in the space provided based on available data. Include qualitative discussion as appropriate.

32	Is a project-level analysis for direct, indirect, or cumulative effects required based on the NCDOT community studies screening tool? <i>This question will be evaluated during project development.</i>
	N/A
33	Is a project level air quality Mobile Source Air Toxics (MSAT) analysis required? <i>Note if existing or projected traffic volumes on the project are greater than 140,000 vpd.</i>
	NO

